ULTIMATE9®

INTERNATIONAL

EVC & evcX Product Catalogue & Application Guide

June, 2023
Edition 4.0.3

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CLICK ON THE TEXT TO NAVIGATE TO THE PAGE

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CONTENTS

APPLICATION GUIDE 19

Edition 4.0.3 Updates

New Applications

MAKE	MODEL	YEAR & VARIANT	EVC	evcX
AUDI	RS 5	2017 - ON	EVC207L	X207
DODGE	RAM 1500	2019 - ON (Warlock - DS)	EVC302L	X302
DODGE	RAM 2500	2019 - ON DJ (5th Gen)	EVC302L	X302
DODGE	RAM 3500	2019 - ON DJ (5th Gen)	EVC302L	X302
HOLDEN	EQUINOX	2018 - ON	EVC507	X507
KIA	CARNIVAL	2020 - ON (4th Gen)	EVC607L	X607
KIA	SELTOS	2020 - ON	EVC607L	X607
KIA	SORENTO	2021 - ON MQ4	EVC607L	X607
LINCOLN	MKX	2016 - 2018 2nd Gen	EVC622L	X622
RAM	1500	2019 - ON (Warlock - DS)	EVC302L	X302
RAM	2500	2019 - ON DJ (5th Gen)	EVC302L	X302
RAM	3500	2019 - ON DJ (5th Gen)	EVC302L	X302
SUBARU	ASCENT	2019 - ON VM	EVC551	N/A
VOLKSWAGEN	AMAROK	2022 - ON (2nd Gen)	EVC622L	X622

Updated Applications

MAKE	MODEL	YEAR & VARIANT	UPDATE
AUDI	A8	2017 - ON (D5)	Changed SKU to 207
AUDI	RS 5	2012 - 2017	Updated 'ON' to 2017
CADILLAC	ESCALADE	2002 - 2006 (2nd Gen)	538 removed - listing N/A
DODGE	RAM 1500	2019 - ON DT	Modified/Removed 5th Gen
DODGE	RAM 2500	2019 - ON DJ2/D2	Modified/Removed 5th Gen
DODGE	RAM 3500	2019 - ON DJ2/D2	Modified/Removed 5th Gen
KIA	CARNIVAL	2015 - 2019 (3rd Gen)	Updated 'ON' to 2019
KIA	SOUL	2014 - 2019 (2nd Gen)	Changed SKU to 503 & update year from 'ON' to 2019
LEXUS	RC350	2014 - ON	changed evcX listing to X173
MAZDA	BT-50	2011 - 2020 (UP/UR)	Updated year from 2019 to 2020
NISSAN	PATROL	2007 - 2016 (Y61 - 3.0L CRD/GU)	Y61 GU changed year range to 2007 - 2016
RAM	1500	2019 - ON DT	Modified/Removed 5th Gen
RAM	2500	2019 - ON DJ2/D2	Modified/Removed 5th Gen
RAM	3500	2019 - ON DJ2/D2	Modified/Removed 5th Gen
TOYOTA	CAMRY	2017 - ON (XV70)	changed evcX to X173
TOYOTA	COROLLA	2013 - 2019 (E170/E180)	changed evcX to X173
TOYOTA	CROWN	2018 - ON (S220)	changed evcX to X173

Updated Applications

MAKE	MODEL	YEAR & VARIANT	UPDATE
TOYOTA	KLUGER	2007 - 2013 (2nd Gen - XU40)	changed evcX part number to X173
TOYOTA	TUNDRA	2003 - 2006 (XK30/XK40)	Changed from 171 to 161
VOLKSWAGEN	AMAROK	2010 - 2021	Updated year from 'on' to 2021
VOLKSWAGEN	AMAROK	2016 - 2021 (V6)	Updated year from 'on' to 2021

INTRODUCTION

The Ultimate9 Product Catalogue and Application Guide is designed to give the salesperson and product fitter information about our range of products, including product features, installation instructions, model applications, FAQ's and warranty information.

The document is an interactive PDF, and most pages feature links that are accessible by clicking on the relevant wording. Page bookmarks are also included.

ABOUT US

From humble beginnings as iDRIVE Australia, now evolving and diversifying as Ultimate9, we have always valued integrity over profit. Priding ourselves on honest claims, professionalism, the highest quality production standards, long term and extensive product support, valuing our customers and treating our dealer network like family. Since our creation we have lead the market in customer service, product development, future focused intuitive thinking and community engagement.

Our Aim is to provide the highest quality products, service, relationships and support for our customers and family of distributors. To maintain our high level of quality we ensure substantial care and attention is provided at each stage of the process from manufacturing to fitment.

Our Research and Development team is constantly working on improving and refining our products, ensuring everything is of the highest standard and guaranteed to perform. That is why the EVC Throttle Controller from Ultimate9 is backed by a 30-day money back guarantee and industry leading lifetime replacement warranty.

THROTTLE CONTROLLERS

Today, modern engines still work on the same principles as their predecessors from over 100 years ago, however in the pursuit of power and, in more recent times, efficiency and emission control, what were once simple mechanical controls have now been replaced by modern computers and electronics. Gone are carburettors, throttle linkages or cables, ignition distributors and mechanical fuel pumps. These have been replaced with fuel injection, electronic throttles, crank angle sensors and high-pressure common rail fuel delivery systems.

Since the early 2000's, new vehicles have been manufactured with electronic throttle control pedals that pass their position information to the ECU (engine control unit) in the form of small voltage changes. The ECU then processes that information before opening the throttle and controlling ignition timing and fuel injection duration to give a driver the power increase they are asking for. Although this information passes quickly from driver input to engine reaction, and is far more efficient than cables or linkages, due to the need for emission controls and a "one setting suits most" design, this can often make the engine less responsive than desired and in the case of modern diesel vehicles, can produce a delayed reaction referred to as throttle lag.

There are many ways to improve the power of modern engines. Larger turbos, cold air intakes, free flowing exhausts, ECU upgrades and remaps to name a few. But what if you could increase the pedal response and unleash the power that already lurks within your standard engine without the costs of expensive modification?

Aftermarket throttle controllers do just that and are a cost-effective performance modification that can be fitted by the home DIY mechanic in as little as 5 minutes. Although a throttle controller does not affect the peak torque and power of an engine, they are capable of shortening the throttle response time, therefore reducing throttle lag while sharpening the throttle curve, effectively unleashing the engine's power lower in the rev range.

The following pages include Ultimate9's throttle controller models, each developed and tuned for individual vehicle makes and models including applications for on and off road as well as a range of UTV vehicles.

evcX

PREMIUM RANGE FOR CARS & 4X4 VEHICLES

evcX OVERVIEW

The evcX sees the addition of new features and functionality, allowing users to explore their vehicle's potential even further.

Bluetooth enabled, take control of the evcX through the new Ultimate9 TC app and enjoy the larger displays offered by mobile devices, whether picking from favourite settings or choosing different modes and sensitivity levels.

Its larger OLED (Organic Light Emitting Diode) display supports comprehensive on-screen information, incorporating a self-dimming feature that activates as it senses a change in ambient lighting.

With new mounting options available and dual USB-C plug ports, the driver interface offers users greater freedom in positioning and the ability to be removed from the vehicle, leaving the throttle controller in the last selected mode.

Remove the driver interface in combination with the new Lock mode and add another layer of security. Lock Mode will disable the throttles input and offer users more comfort in their car's safety.

Standard features of the evcX include:

- **Ultimate9 mode -** Highest throttle response setting
- **Ultimate mode -** 9 levels of increased throttle response
- **Anti-Slip mode -** Reduced initial response for increased traction
- **Launch mode -** increased response with a more linear profile to reduce the chance of wheel spin
- **Economy mode -** for better fuel consuption and less throttle response
- **Factory mode -** Standard factory settings
- **Valet mode -** Reduced throttle response and RPM limited
- **Adapt mode -** Adapts to user throttle input
- **Lock-out mode -** Disables user interface and locks throttle
- **Bluetooth control -** via a iOS/Android compatible phone
- **Removable user interface -** Enhanced security for lock-out mode
- **Dual USB-C plug ports -** ease of installation and integration
- **An array of mounting options**
- **Easy carry storage satchel**
- **OLED display -** Displays mode and connection/lock-out status
- **Programmable to both automatic and manual transmissions**
- **30-day money-back guarantee**
- **Limited lifetime replacement warranty**
- **Certified to CE, FCC & RCM requirements**

Ultimate9 Mode:

For maximum throttle enhancement, Ultimate9 mode instantly sets the pedal response to the highest setting.

Ultimate Mode:

Ultimate Mode sharpens your throttle response, the higher you go the more aggressive your throttle becomes. Also featuring 9 levels of adjustment for user refinement. Great for everyday driving, towing, overtaking, or highway driving.

Anti-Slip Mode:

Anti-Slip Mode offers a subdued throttle response which is perfect for driving on slippery surfaces such as snow, ice and mud, giving more control with reduced chance of wheel-spin.

Launch Mode:

Launch Mode sharpens your throttle response, the higher you go the more aggressive your throttle becomes. However the initial response is slightly modified in comparison to the Ultimate mode so as to reduce the likelihood of wheel spin, therefore increasing traction.

Economy Mode:

Economy Mode subdues your throttle response below factory levels and features 9 levels of adjustment. The higher the setting, the more subdued your throttle response becomes. Great for off road, heavy traffic, or low-speed towing maneuvers.

Factory Mode:

Factory mode replicates your vehicles factory/OE throttle mapping.

Valet Mode:

Designed for parking, Valet mode reduces the throttle response whilst limiting the available throttle to provide approximately 50% RPM max.

Adaptive Control Mode:

Adaptive Control Mode is a set and forget mode, using 9 tuning settings from Ultimate Mode to deliver the most appropriate throttle response depending on your current driving behaviour in real-time. For example, if you're in heavy traffic and only moving up 2-3 metres at a time, AC mode will select Ultimate Mode 1-2, when you start to accelerate it will increase your throttle response to Ultimate Mode 3-5, however if you see a gap in traffic and hit the go pedal all of a sudden, it will react in kind and deliver Ultimate Mode 6-9.

Throttle Lock Mode:

Adding an extra level of security for not only the evcX but also the customer's vehicle. When Throttle Lock mode is engaged, the evcX blocks all throttle input from the accelerator pedal, the vehicle will start, however, no matter how hard you stomp on the pedal the vehicle simply will not rev, essentially disabling the vehicle and rendering it immobile. The evcX can also be removed from the vehicle altogether and stored in the provided easy-carry satchel, meaning you can place the evcX into Throttle Lock mode and remove the evcX from the vehicle, completely disabling the car's throttle.

OPTIONAL MOUNT

Magnetic Ball Dash Mount:

Utilising a magnetic pad and adhesive metallic disc, the magnetic ball dash mount adheres to almost any surface so that the EVC driver interface can be placed in a convenient position and angled towards the driver.

Part No. EVC-DS
Barcode: 787099448851

INCLUDED

Protective Pouch

The evcX user interface can be easily removed from the magnetic mounting options and stored in the supplied pouch. If the evcX is placed in Lockout Mode prior to removal, the vehicle throttle is deactivated and the vehicle can not be driven, providing an extra level of theft prevention.

Note; Not available for individual purchase

evcX App

The Ultimate9 TC App makes controlling the evcX simple via Bluetooth and a larger screen display. Downloadable for free from the Apple App Store or Google Play, the app has a number of customisable features to personalise it to suit the user preference.

Ultimate9 TC

INSTRUCTIONS

For further information on how to install, pair, set, adjust & lock the evcX, please refer to the separate guides included with the evcX or links below.

evcX - Ultimate9 TC App Guide

Ultimate9 - evcX Quick Start Guide

RANGE FOR CARS & 4X4 VEHICLES

EVC OVERVIEW

Featuring 4 driving modes and 20 tuning settings, adjust your throttle response to suit your specific needs. Easily installed in under 15 minutes, the EVC is the DIY mechanic's solution to throttle lag; customisable for any driving terrain or situation, whether you're on the highway or off the beaten track.

The EVC provides new points of reference for your vehicle's throttle mapping, modifying the torque request that is sent to the throttle tables in your vehicle's Engine Control Unit (ECU). As a result, the throttle is activated faster, ultimately reducing throttle lag and enhancing throttle response.

Standard features of the EVC include:

•   Ultimate mode - 9 levels of increased throttle response
•   Economy mode - for better fuel consumption and less throttle response
•   Automatic mode - Adapts to throttle input
•   Factory mode - Standard factory settings
•   Programmable to both automatic and manual transmissions
•   30-day money-back guarantee
•   Limited lifetime replacement warranty

Options include:

•   Over 20 faceplate colours and designs
•   Magnetic dash mount

Ultimate Mode:

Ultimate Mode sharpens your throttle response, the higher the setting, the more aggressive your throttle becomes. Featuring 9 levels of adjustment for user refinement, Ultimate mode is great for everyday driving, towing, overtaking, or highway driving.

Economy Mode:

Economy Mode subdues your throttle response below factory levels and features 9 levels of adjustment. The higher the setting, the more subdued your throttle response becomes. Great for off road, heavy traffic, or low-speed towing maneuvers.

Normal Mode:

Normal Mode replicates your vehicle's factory/OE throttle mapping.

Automatic Control Mode:

Automatic Control Mode is a set and forget mode, using 9 tuning settings from Ultimate Mode to deliver the most appropriate throttle response depending on your current driving behaviour in real-time. For example, if you're in heavy traffic and only moving up 2-3 metres at a time, AC mode will select Ultimate Mode 1-2, when you start to accelerate it will increase your throttle response to Ultimate Mode 3-5, however if you see a gap in traffic and hit the go pedal all of a sudden, it will react in kind and deliver Ultimate Mode 6-9.

OPTIONAL MOUNT

Magnetic Ball Dash Mount:

Utilising a magnetic pad and adhesive metallic disc, the magnetic ball dash mount adheres to almost any surface so that the EVC driver interface can be placed in a convenient position and angled towards the driver.

Part No. EVC-DS
Barcode: 787099448851

INSTRUCTIONS

For further information on how to install, pair, set & adjust the EVC, please refer to the separate guide included with the EVC or link below.

Ultimate9 - EVC Quick Start Guide

CUSTOM FACEPLATES

With more than 20 custom faceplates in the the range, customers can now personalise their EVC Throttle Controller to compliment their vehicle colour or choose from a range of designs.

Our range is growing thanks to customer feedback. To help merchandise the full range of face plates, they are now individually packaged in clear plastic bags with header cards so you can hang them on shelves, gondolas, peg boards etc.

Black

Pink

Charcoal

Light Green
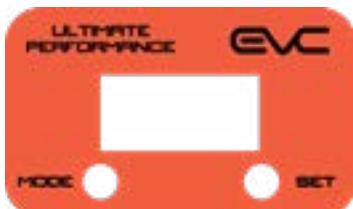
Orange
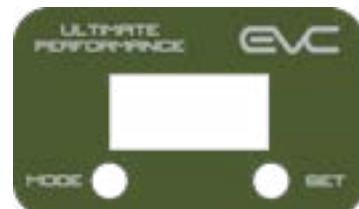
Jeep Green

Purple
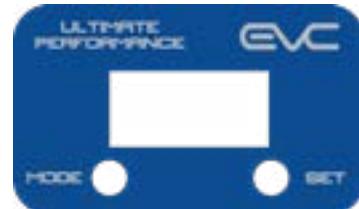
Blue

Red
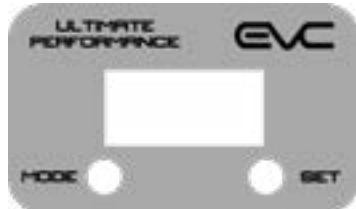
Light Grey

Sandy

US Grunge Flag

AUSCAM
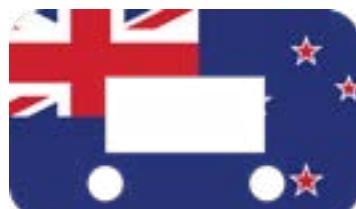
NZ Flag
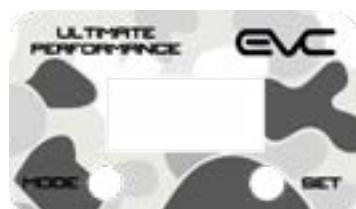
Snowcam

Silver Fern Flag

Jeep Star

Eureka Flag
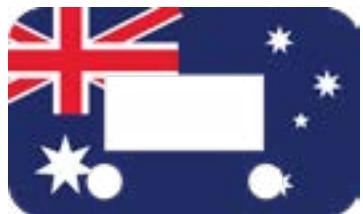
Aussie Flag

JDM Rising Sun

FACEPLATE ORDERING DETAILS

Part Number	Description	Barcode
CFBK	Black CFP	787099448455
CFCG	Charcoal CFP	787099448479
CFOR	Orange CFP	787099448493
CFPL	Purple CFP	787099448899
CFRE	Red CFP	787099448516
CFPI	Pink CFP	787099448509
CFGR	Light Green CFP	787099448486
CFJG	Jeep Green CFP	787099448905
CFBL	Blue CFP	787099448462
CFLG	Light Grey CFP	787099448882
CFSD	Sandy CFP	787099448448
CFAC	Auscam CFP	787099448417
CFSC	Snowcam CFP	787099448424
CFJS	Jeep Star CFP	787099448608
CFAU	Aussie Flag CFP	787099448868
CFUG	US Grunge Flag CFP	787099448929
CFNZ	NZ Flag CFP	787099448943
CFSF	NZ Silver Fern CFP	787099448950
CFEF	Eureka Flag CFP	787099448936
CFUS	US Flag	787099448875
CFJP	JDM Rising Sun	787099449902

Alfa Romeo

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
147	2002 - 2010	EVC319L	X319
156	2002 - ON	EVC319L	X319
159	2006 - ON	EVC309L	X309
BRERA COUPE	2006 - ON	N/A	N/A
GIULIA	2016 - ON (952)	EVC309L	X309
GIULIETTA	2010 - ON	EVC309L	X309
GT	2005 - ON	EVC319L	X319
MITO	2008 - 2018	EVC309L	X309
SPIDER	2006 - ON	N/A	N/A
STELVIO	2017 - ON	EVC309L	X309

Audi

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
A1	2010 - 2013	EVC152	X152
A1	2013 - ON	EVC201L	X201
A2	2000 - 2005	EVC152	X152
A3	1999 - 2004	EVC152	X152
A3	2004 - ON	EVC201L	X201
A4	2001 - 2006 (B6)	EVC152	X152
A4	2004 - 2009 (B7)	EVC152	X152
A4	2008 - 2016 (B8)	EVC201L	X201
A4	2017 - ON (B9)	EVC207L	X207
A5	2007 - 2016	EVC201L	X201
A5	2016 - ON (BW6)	EVC206L	X206
A6	2004 - 2011 (C6)	EVC202	X202
A6	2012 - 2018 (C7)	EVC201L	X201
A6	2018 - ON (C8)	EVC201L	X201
A7	2010 - 2017 (4G8)	EVC201L	X201
A8	2002 - 2010 (D3)	EVC201L	X201
A8	2010 - 2017 (D4)	EVC201L	X201
A8	2017 - ON (D5)	EVC207L	X207
Q3	2011 - ON	EVC201L	X201
Q5	2008 - 2017 (B8)	EVC201L	X201
Q5	2018 - ON (B9)	EVC207L	X207
Q7	2007 - 2015 (1st Gen)	EVC252	X252
Q7	2015 - ON (2nd Gen)	EVC207L	X207
R8	2006 - ON	EVC201L	X201
RS 3	2011 - 2012	EVC201L	X201
RS 3	2015 - ON	EVC201L	X201
RS 4	2006 - 2008 (B7)	EVC201L	X201
RS 4	2012 - 2015 (B8)	EVC201L	X201
RS 4	2018 - ON (B9)	EVC207L	X207
RS 5	2012 - 2017	EVC201L	X201

Audi

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
RS 5	2017 - ON	EVC207L	X207
RS 6	2008 - 2010 (C6)	EVC152	X152
RS 6	2013 - 2018 (C7)	EVC201L	X201
S3	2004 - 2013	EVC201L	X201
S3	2013 - ON	EVC201L	X201
S4	2001 - 2006 (B6)	EVC152	X152
S4	2004 - 2009 (B7)	EVC152	X152
S4	2008 - 2016 (B8)	EVC201L	X201
S4	2017 - ON (B9)	EVC207L	X207
S5	2007 - 2016	EVC201L	X201
S5	2016 - ON	EVC207L	X207
S8	2002 - 2010 (D3)	EVC201L	X201
S8	2010 - 2017 (D4)	EVC252	X252
S8	2017 - ON (D5)	EVC252	X252
SQ5	2013 - 2017	EVC201L	X201
SQ5	2018 - ON	EVC207L	X207
TT	1998 - 2006 (Mk1)	N/A	N/A
TT	2006 - 2014 (Mk2)	EVC201L	X201
TT	2014 - ON (Mk3)	EVC201L	X201

BMW

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
All Models	2000 - ON	EVC401	X401

Buick

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
ENCLAVE	2008 - ON	EVC507	X507
ENCORE	2013 - ON	EVC507	X507
ENVISION	2016 - ON	EVC525L	X525
GL8	2000 - 2010 (1nd Gen)	EVC505L	X505
GL8	2011 - 2016 (2nd Gen)	EVC535	X535
GL8	2017 - ON (3rd Gen)	EVC535	X535
LA-CROSS	2005 - ON	EVC535	X535

BYD

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
F3	2005 - ON	EVC504	X504
G5	2014 - ON	EVC504	X504
G6	2011 - 2013	EVC504	X504
M6	2010 - 2015	EVC504	X504
S7	2011 - 2017	EVC504	X504
SURUI	2016 - ON	EVC504	X504

Cadillac

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
ATS	2013 - 2019	EVC525L	X525
BLS	2005 - 2010	EVC505L	X505
CTS	2002 - 2013	EVC535	X535
CTS	2014 - 2019	EVC525L	X525
ESCALADE	2002 - 2006 (2nd Gen)	N/A	N/A
ESCALADE	2007 - 2014 (3rd Gen)	EVC536	X536
ESCALADE	2015 - ON (4th Gen)	N/A	N/A
SLS	2006 - 2013	EVC535	X535
SRX SERIES		EVC712	X712
STS	2005 - 2011	EVC505L	X505
XT5	2017 - ON	EVC507	X507
XTS	2013 - 2019	EVC556	X556

Changan

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
ALSVIN		EVC903	X903
CS20		EVC611L	X611
CS35		EVC504	X504
CX30		EVC614	X614
EADO		EVC604	X604

Chery

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
A1		EVC101	X101
A3		EVC101	X101
A5		EVC101	X101
ARRIZO 7		EVC101	X101
CROSS		EVC101	X101
E5		EVC101	X101
EASTAR		EVC704	X704
EASTAR	(MPV 2.0L)	EVC101	X101
KARRY		EVC101	X101
M5		EVC101	X101
QQ		EVC101	X101
RELY		EVC101	X101
RIICH		EVC101	X101

Chevrolet

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
AVALANCHE	2007 - 2013	EVC536	X536
AVEO	2011 - 2018 (T300)	EVC525L	X525
CAMARO	2010 - 2015	EVC535	X535
CAMARO	2016 - ON	EVC535	X535
CAMARO	2018 - ON (Australian Models)	EVC525L	X525
CAPTIVA	2006 - 2018	EVC537	X537
CAPTIVA	2019 - ON	EVC537	X537
COLORADO	2012 - ON (2nd Gen)	EVC505L	X505
CORVETTE	2005 - 2013 (6th Gen - C6, USA Models)	EVC535	X535
CORVETTE	2014 - 2019 (7th Gen - C7)	EVC525L	X525
CORVETTE	2019 - ON (8th Gen - C8)	EVC525L	X525
CRUZE	2008 - 2016	EVC505L	X505
CRUZE	2016 - ON	EVC507	X507
EPICA	2006 - 2013	EVC506	X506
EQUINOX	2005 - 2009 (1st Gen)	N/A	N/A
EQUINOX	2010 - 2017 (2nd Gen)	EVC507	X507
EQUINOX	2018 - ON (3rd Gen)	EVC507	X507
HHR	2006 - 2011	EVC505L	X505
MALIBU	2008 - 2012 (7th Gen)	EVC505L	X505
MALIBU	2012 - 2016 (8th Gen)	EVC525L	X525
MALIBU	2017 - ON (9th Gen)	EVC525L	X525
ORLANDO	2011 - 2018 (1st Gen)	EVC505L	X505
ORLANDO	2018 - ON (2nd Gen)	N/A	N/A
SAIL	2001 - 2009 (1st Gen)	EVC505L	X505
SAIL	2010 - 2014 (2nd Gen)	EVC505L	X505
SAIL	2015 - ON (3rd Gen)	EVC724	X724
SILVERADO	2007 - 2014 (2nd Gen)	EVC536	X536
SILVERADO	2014 - 2019 (3rd Gen)	EVC536	X536
SILVERADO	2019 - ON (4th Gen)	EVC525L	X530

Chevrolet

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
SONIC	2012 - ON (2nd Gen)	EVC525L	X525
SPARK	2005 - 2009 (2nd Gen)	N/A	N/A
SPARK	2009 - 2015 (3rd Gen)	EVC525L	X525
SPARK	2016 - ON (4th Gen)	EVC525L	X525
SPIN	2013 - ON	EVC525L	X525
SUBURBAN	2007 - 2014 (10th Gen)	EVC536	X536
SUBURBAN	2015 - ON (11th Gen)	EVC536	X536
TAHOE	2007 - 2014	EVC536	X536
TAHOE	2015 - ON	EVC536	X536
TORNADO	2011 - ON (2nd Gen)	EVC505L	X505
TRAILBLAZER	2012 - ON (2nd Gen)	EVC505L	X505
TRAX	2013 - ON	EVC525L	X525

Chrysler

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
200	2011 - 2014 (1st Gen)	N/A	N/A
200	2015 - 2017 (2nd Gen)	EVC505L	X505
300C	2006 - 2010 (1st Gen)	EVC302L	X302
300C	2011 - ON (2nd Gen)	EVC302L	X302
CROSSFIRE	2004 - 2008	EVC451	X451
GRAND VOYAGER	2008 - 2016	EVC124AN	X124AN

Citroen

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
C1	2005 - 2014 (1st Gen)	EVC331	X331
C1	2014 - ON (2nd Gen)	N/A	N/A
C2	2003 - 2005	EVC321	X321
C2	2006 - 2009	EVC331	X331
C3	2002 - 2009 (1st Gen)	EVC321	X321
C3	2009 - 2016 (2nd Gen)	EVC331	X331
C3	2016 - ON (3rd Gen)	EVC333L	X333
C4	2004 - 2010 (1st Gen)	EVC331	X331
C4	2010 - 2018 (2nd Gen)	EVC303	X303
C5	2000 - 2008 (1st Gen)	EVC321	X321
C5	2008 - 2017 (2nd Gen)	EVC333L	X333
C6	2005 - 2015 (1st Gen)	EVC321	X321
C6	2016 - ON (2nd Gen)	EVC333L	X333
C8	2002 - 2014 (2nd Gen)	EVC331	X331
DISPATCH	2007 - 2016 (2nd Gen)	EVC331	X331
DISPATCH	2016 - ON (3rd Gen)	N/A	N/A
DS3	2009 - ON	EVC333L	X333
DS4	2010 - 2018	EVC333L	X333
DS5	2011 - 2018	EVC333L	X333
DS6	2014 - ON	EVC333L	X333
JUMPER	2006 - 2014	EVC319L	X319
JUMPER	2015 - ON	EVC309L	X309
JUMPY	2007 - 2016 (2nd Gen)	EVC331	X331
JUMPY	2016 - ON (3rd Gen)	N/A	N/A
NEMO	2007 - ON	EVC319L	X319
SPACE TOURER	2016 - ON	N/A	N/A
XSARA	1997 - 2006	EVC321	X321
XSARA PICASSO	2000 - 2010	EVC321	X321

Dacia

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
DUSTER	2009 - ON	EVC801	X801
LOGAN	2004 - ON	EVC801	X801
SANDERO	2007 - ON	EVC801	X801

Daihatsu

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
AYLA	2017 - ON	EVC171	X171
HIJET TRUCK	2014 - ON (S500 / S510)	EVC171	X171
ROCKY	2021 - ON (A200)	EVC171	X171
SIGRA	2016 - ON	EVC171	X171
TERRIOS	2006 - 2016 (J200 / F700)	EVC171	X171
TERRIOS	2017 - ON (F800)	EVC171	X171
XENIA	2015 - ON	EVC171	X171

Datsun

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
GO	2014 - ON	EVC801	X801

DFSK

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
GLORY 560	2018 - ON	EVC807	X807
GLORY 580	2018 - ON	EVC807	X807

Dodge

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
AVENGER	2007 - 2014	EVC304	X304
CALIBER	2007 - 2012	EVC304	X304
CHALLENGER	2009 - ON (3rd Gen)	EVC302L	X302
CHARGER	2007 - 2010 (6th Gen - LX)	EVC302L	X302
CHARGER	2011 - ON (7th Gen - LD)	EVC302L	X302
DURANGO	2011 - ON (3rd Gen)	EVC302L	X302
JOURNEY	2009 - ON	EVC304	X304
MAGNUM	2005 - 2008 (LX)	EVC304	X304
NITRO	2007 - 2012	EVC302L	X302
RAM	2002 - 2009 (3rd Gen)	N/A	N/A
RAM 1500	2010 - 2018 (4th Gen - DS)	EVC302L	X302
RAM 1500	2019 - ON (Classic - DS)	EVC302L	X302
RAM 1500	2019 - ON (Warlock - DS)	EVC302L	X302
RAM 1500	2019 - ON DT	EVC508L	X510
RAM 2500	2010 - 2018 (4th Gen - DJ)	EVC302L	X302
RAM 2500	2019 - ON DJ (5th Gen)	EVC302L	X302
RAM 2500	2019 - ON DJ2/D2	EVC508L	X510
RAM 3500	2010 - 2018 (4th Gen - DJ)	EVC302L	X302
RAM 3500	2019 - ON DJ (5th Gen)	EVC302L	X302
RAM 3500	2019 - ON DJ2/D2	EVC508L	X510
VIPER	2008 - 2010 (4th Gen)	N/A	N/A
VIPER	2013 - 2017 (5th Gen)	N/A	N/A

Dongfeng

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
FENGSHENG		EVC803	X803
FENGSHENG H30		EVC806	X806
JOYEAR		EVC806	X806
LUSGEN		EVC807	X807
SUCCE		EVC806	X806

Fiat

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
500	2007 - 2014	EVC310A	X310A
500	2014 - 2019	EVC309L	X309
595	2020 - ON	EVC310A	X310A
ABARTH 500	2007 - 2014	EVC310A	X310A
CROMA	2005 - 2010	EVC319L	X319
DUCATO	2006 - ON (3rd Gen)	EVC309L	X309
FIORINO	2007 - ON	EVC319L	X319
FREEMONT	2009 - ON	EVC304	X304
GRANDE PUNTO	2005 - 2009	EVC319L	X319
IDEA	2003 - 2016	EVC505L	X505
LINEA	2007 - 2018	EVC319L	X319
PALIO	2011 - 2017 (2nd Gen)	EVC319L	X319
PERLA	2006 - 2007	EVC319L	X319
PUNTO	1999 - 2010 (2nd Gen)	EVC319L	X319
PUNTO	2005 - 2018 (3rd Gen)	EVC505L	X505
SCUDO	2007 - 2008	EVC331	X331
SIENA	2012 - ON (2nd Gen)	EVC319L	X319
STILO	2001 - 2010	EVC319L	X319
STRADA	2013 - ON	EVC319L	X319
ULYSSE	2002 - 2014	EVC331	X331

Ford

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
BRONCO	2021 - ON (6th Gen)	EVC622L	X622
C-MAX	2011 - ON (2nd Gen)	EVC622L	X622
ECOSPORT	2004 - 2012 (1st Gen)	EVC602L	X602
ECOSPORT	2013 - ON (2nd Gen)	EVC602L	X602
EDGE	2015 - ON (2nd Gen)	EVC622L	X622
ESCAPE	2008 - 2012 (2nd Gen)	EVC606	X606
ESCAPE	2013 - ON (3rd Gen)	EVC622L	X622
ESCORT	2015 - ON	EVC622L	X622
EVEREST	2009 - 2015 (2nd Gen)	EVC652L	X652
EVEREST	2015 - 2022 (3rd Gen)	EVC622L	X622
EVEREST	2022 - ON (Next-Gen)	EVC622L	X622
EXPLORER	2011 - 2019 (5th Gen)	EVC622L	X622
EXPLORER	2020 - ON (6th Gen)	EVC622L	X622
F-150	2009 - 2014 (12th Gen - P415)	EVC622L	X622
F-150	2015 - 2020 (13th Gen - P552)	EVC622L	X622
F-150	2021 - ON (14th Gen P702)	EVC622L	X622
F-150 RAPTOR	2017 - 2020 (2nd Gen - P552)	EVC622LW	X622LW
F-150 RAPTOR	2021 - ON (3rd Gen - P702)	EVC622LW	X622LW
F-150 SVT RAPTOR	2010 - 2014 (1st Gen - P415)	EVC622LW	X622LW
F-250	2008 - 2010 (2nd Gen - P356)	N/A	N/A
F-250	2011 - 2016 (3rd Gen - P473)	EVC622L	X622
F-250	2017 - ON (4th Gen - P558)	EVC622L	X622
F-350	2008 - 2010 (2nd Gen - P356)	N/A	N/A
F-350	2011 - 2016 (3rd Gen - P473)	EVC622L	X622
F-350	2017 - ON (4th Gen - P558)	EVC622L	X622
FALCON	2008 - 2014 (FG)	EVC152	X152
FALCON	2014 - 2016 (FG-X)	EVC152	X152
FOCUS	2011 - 2018 (3rd Gen)	EVC622L	X622
FOCUS	2018 - ON (4th Gen)	EVC622L	X622
FUSION	2013 - ON (2nd Gen)	EVC622L	X622

Ford

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
KUGA	2012 - ON (2nd Gen)	EVC622L	X622
MONDEO	2014 - ON (4th Gen)	EVC622L	X622
MUSTANG	2011 - 2014 (5th Gen)	EVC622L	X622
MUSTANG	2015 - ON (6th Gen)	EVC622L	X622
PUMA	2019 - ON	EVC622L	X622
RANGER	2006 - 2009 (PJ)	EVC652L	X652
RANGER	2009 - 2011 (PK)	EVC652L	X652
RANGER	2011 - 2015 (PX)	EVC622L	X622
RANGER	2015 - 2018 (PX2)	EVC622L	X622
RANGER	2018 - 2021 (PX3)	EVC622L	X622
RANGER	2018 - ON (Raptor)	EVC622L	X622
RANGER	2022 - ON (Next-Gen - T6.2)	EVC622L	X622
S-MAX	2015 - ON (2nd Gen)	EVC622L	X622
TERRITORY	2004 - 2011 (SY)	N/A	N/A
TERRITORY	2011 - ON (SZ)	EVC152	X152
TRANSIT	2013 - ON (4th Gen)	EVC622L	X622

Foton

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
TUNLAND	2012 - ON	EVC619B	X619B

Genesis

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
G70	2017 - ON	EVC607L	X607
G80	2016 - ON	EVC607L	X607
G90	2015 - ON	EVC607L	X607
GV80	2020 - ON	EVC607L	X607

GMC

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
ACADIA	2007 - 2017 (1st Gen)	EVC535	X535
ACADIA	2017 - ON (2nd Gen)	EVC507	X507
SIERRA	2007 - 2014 (2nd Gen)	EVC536	X536
SIERRA	2014 - 2018 (3rd Gen)	EVC536	X536
SIERRA	2019 - ON (4th Gen)	EVC525L	X525
TERRAIN	2010 - 2017 (1st Gen)	EVC535	X535
TERRAIN	2017 - ON (2nd Gen)	N/A	N/A
YUKON	2007 - 2014	EVC536	X536
YUKON	2015 - ON	EVC536	X536

Great Wall

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
CANNON	2020 - ON	EVC603	X603
H2	2014 - ON	EVC603	X603
H3	2006 - 2012	EVC806	X806
H5	2009 - ON	EVC806	X806
H6	2011 - 2017	EVC603	X603
H6	2017 - ON	EVC603	X603
H8	2013 - 2018	EVC603	X603
H9	2014 - ON	EVC603	X603
STEED	2006 - ON	EVC806	X806
V-200	2006 - ON (Diesel)	EVC806	X806
V-240	2006 - ON	N/A	N/A
WINGLE	2006 - ON	EVC806	X806
X-200	2006 - 2012 (Diesel)	EVC806	X806
X-240	2006 - 2012	N/A	N/A

Haval

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
H2	2014 - ON	EVC603	X603
H3	2006 - 2012	EVC806	X806
H5	2009 - ON	EVC806	X806
H6	2011 - 2017	EVC603	X603
H6	2017 - ON	EVC603	X603
H8	2013 - 2018	EVC603	X603
H9	2014 - ON	EVC603	X603
JOLION	2020 - ON	EVC603	X603

Hino

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
300 SERIES	2011 - ON (2nd Gen)	EVC161L	X161

Holden

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
ASTRA	1998 - 2005 (TS)	EVC505L	X505
ASTRA	2004 - 2009 (AH)	EVC505L	X505
ASTRA	2015 - 2016 (PJ)	EVC505L	X505
ASTRA	2016 - ON (BK/BL)	EVC507	X507
BARINA	2005 - 2011 (TK)	N/A	N/A
BARINA	2011 - 2018 (TM)	EVC525L	X525
CAPTIVA	2007 - 2018	EVC537	X537
COLORADO	2008 - 2011 (RC - Diesel)	EVC668	N/A
COLORADO	2008 - 2011 (RC - V6 Petrol)	EVC703L	X703
COLORADO	2012 - ON (RG)	EVC505L	X505
COLORADO 7	2012 - 2016	EVC505L	X505
COMMODORE	2004 - 2007 (VZ - V6 Petrol)	EVC703L	X703
COMMODORE	2006 - 2013 (VE)	EVC505L	X505
COMMODORE	2013 - 2017 (VF)	EVC525L	X525
COMMODORE	2018 - ON (ZB)	EVC525L	X525
CRUZE	2008 - 2016 (1st Gen)	EVC505L	X505
CRUZE	2017 - ON	EVC507	X507
CRUZE	2017 - ON (2nd Gen)	EVC537	X537
EQUINOX	2018 - ON	EVC507	X507
MALIBU	2008 - 2012 (7th Gen)	EVC505L	X505
MALIBU	2012 - 2016 (8th Gen)	EVC505L	X505
RODEO	2007 - 2008 (RA7 - Diesel)	EVC668	N/A
RODEO	2007 - 2008 (RA7 - V6 Petrol)	EVC703L	X703
STATESMAN	2006 - 2013 (WM)	EVC505L	X505
STATESMAN	2013 - 2017 (WN)	EVC525L	X525
TIGRA	2002 - 2009	EVC505L	X505
TRAIL BLAZER	2016 - ON	EVC505L	X505
TRAX	2015 - 2020	EVC525L	X525

Honda

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
ACCORD	2007 - 2012 (8th Gen)	EVC701	X701
ACCORD	2010 - 2015 (Crosstour)	EVC701	X701
ACCORD	2013 - 2018 (9th Gen)	EVC112	X112
ACCORD	2018 - ON (10th Gen)	EVC112	X112
ADVANCIER	2016 - ON (2nd Gen)	EVC112	X112
BRIO	2011 - ON	EVC711	X711
BR-V	2016 - ON	EVC711	X711
CITY	2003 - 2008 (4th Gen)	EVC711	X711
CITY	2008 - 2014 (5th Gen)	EVC711	X711
CITY	2014 - ON (6th Gen)	EVC112	X112
CIVIC	2006 - 2011 (8th Gen)	EVC701	X701
CIVIC	2012 - 2016 (9th Gen)	EVC711	X711
CIVIC	2016 - ON (10th Gen)	EVC112	X112
CRV	2007 - 2011 (3rd Gen)	EVC701	X701
CRV	2012 - 2016 (4th Gen)	EVC112	X112
CRV	2017 - ON (5th Gen)	EVC112	X112
CR-Z	2010 - 2016	EVC711	X711
FIT	2001 - 2008 (1st Gen)	EVC711	X711
FIT	2007 - 2014 (2nd Gen)	EVC711	X711
FIT	2014 - ON (3rd Gen)	EVC112	X112
FREED	2008 - ON	EVC711	X711
HR-V	2013 - ON (RU - 2nd Gen)	EVC112	X112
JADE	2013 - ON	EVC711	X711
JAZZ	2001 - 2008 (1st Gen)	EVC711	X711
JAZZ	2007 - 2014 (2nd Gen)	EVC711	X711
JAZZ	2014 - ON (3rd Gen)	EVC112	X112
ODYSSEY	2008 - 2013 (RB3 - RB4)	EVC701	X701
ODYSSEY	2013 - ON (RC1 - RC2)	EVC112	X112
STREAM	2006 - 2014	EVC701	X701

Honda

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
UR-V	2016 - ON	EVC112	X112
VEZEL	2013 - ON	EVC115	X115

Hummer

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
H2	2003 - 2010	N/A	N/A
H3	2006 - 2010	N/A	N/A

Hyundai

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
ACCENT	2005 - 2010 (MC)	N/A	N/A
ACCENT	2011 - ON (RB)	EVC611L	X611
AVANTE	2011 - 2015 (Elantra)	EVC611L	X611
AVANTE	2016 - ON (Elantra)	N/A	N/A
AZERA	2012 - 2017 (Granduer)	EVC608	X608
CRETA	2015 - ON	N/A	N/A
ELANTRA	2007 - 2010	EVC608	X608
ELANTRA	2011 - 2015	EVC611L	X611
ELANTRA	2016 - ON	N/A	N/A
ENTOURAGE	2006 - 2009	EVC610	X610
EQUUS	2009 - 2016	EVC191	X191
GENESIS	2009 - 2014	EVC191	X191
GENESIS	2015 - 2016	EVC607L	X607
GENESIS	2016 - ON	EVC607L	X607
GETZ	2006 - 2009	N/A	N/A
H1	2007 - ON	EVC610	X610
i10	2013 - 2019 (2nd Gen)	EVC611L	X611
i20	2008 - 2014 (PB)	N/A	N/A
i20	2015 - ON (GB)	N/A	N/A
i30	2007 - 2012 (FD)	EVC610	X610
i30	2012 - 2017 (GD)	EVC611L	X611
i30	2017 - ON (PD)	EVC607L	X607
i40	2011 - ON	EVC608	X608
i45	2010 - 2014 (YF)	EVC611L	X611
iLOAD	2007 - ON (Diesel)	EVC610	X610
iMAX	2007 - ON (Diesel)	EVC610	X610
IONIQ	2016 - ON	N/A	N/A
IX25	2015 - ON	EVC628	X628
IX35	2010 - 2015	EVC608	X608
KONA	2017 - ON	EVC607L	X607

Hyundai

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
PALISADE	2020 - ON	EVC607L	X607
SANTA FE	2007 - 2012 (2nd Gen)	EVC608	X608
SANTA FE	2007 - 2012 (Highlander - 2nd Gen)	EVC611L	X611
SANTA FE	2013 - 2015	EVC610	X610
SANTA FE	2015 - 2018	EVC611L	X611
SANTA FE	2015 - 2018 (Highlander)	EVC610	X610
SANTA FE	2018 - ON (TM - 4th Gen)	EVC607L	X607
SONATA	2005 - 2009 (NF)	N/A	N/A
SONATA	2010 - 2014 (YF)	EVC608	X608
SONATA	2015 - 2019 (LF)	EVC607L	X607
STARIA	2021 - ON	EVC607L	X607
TUCSON	2004 - 2009 (JM)	EVC608	X608
TUCSON	2009 - 2015 (LM)	EVC608	X608
TUCSON	2015 - 2019 (TL)	EVC607L	X607
TUCSON	2020 - ON (NX4)	EVC607L	X607
VELOSTER	2011 - 2018	EVC611L	X611
VELOSTER	2019 - ON	N/A	N/A
VENUE	2020 - ON	EVC607L	X607
VERACRUZ	2007 - 2012	EVC608	X608
VERNA	2011 - ON	EVC609L	X609

Infiniti

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
FX30D	2010 - ON	EVC316L	X316
FX35/45	2003 - 2008 (S50)	EVC316L	X316
FX35/50	2009 - ON (S51)	EVC316L	X316
G25/35/37	2007 - 2015 (V36)	EVC316L	X316
G35	2002 - 2007 (V35)	EVC316L	X316
M25/37/56	2010 - ON (Y51)	EVC316L	X316
M30D	2010 - 2014	EVC316L	X316
M35/45	2006 - 2010 (Y50)	EVC316L	X316
Q40/50/60	2014 - 2015 (V36)	EVC316L	X316
Q50/60	2014 - ON (V37)	EVC316L	X316
Q70	2013 - ON (Y51)	EVC316L	X316
Q70L	2015 - ON (LWB)	EVC316L	X316
QX50	2017 - ON	EVC316L	X316
QX55	2021 - ON	EVC316L	X316
QX56	2004 - 2013	EVC316L	X316
QX70	2013 - ON (S51)	EVC316L	X316
QX80	2014 - ON	N/A	N/A

Isuzu

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
D-MAX	2004 - 2011 (1st Gen)	EVC668	N/A
D-MAX	2012 - 2019 (2nd Gen)	EVC171	X171
D-MAX	2020 - ON (3rd Gen)	EVC171	X171
MU-X	2012 - 2019 (1st Gen)	EVC171	X171
MU-X	2020 - ON (2nd Gen)	EVC171	X171

Jaguar

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
XE	2015 - ON	EVC622L	X622
XF	2007 - 2015 (X250)	EVC192	X192
XF	2015 - ON (X260)	EVC622L	X622
XJ	2003 - 2007 (X350)	EVC192	X192
XJ	2007 - 2009 (X358)	EVC192	X192
XJ	2010 - ON (X351)	EVC192	X192

Jeep

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
CHEROKEE	2008 - 2012 (KK)	EVC124AN	X124AN
CHEROKEE	2014 - ON (KL)	EVC309L	X309
COMMANDER	2005 - 2010	EVC124AN	X124AN
COMPASS	2006 - 2016	EVC304	X304
COMPASS	2017 - ON	EVC508L	X510
GLADIATOR	2019 - ON (JT)	EVC508L	X510
GRAND CHEROKEE	2004 - 2010 (WK)	N/A	N/A
GRAND CHEROKEE	2011 - 2021 (WK2)	EVC124AN	X124AN
GRAND CHEROKEE	2021 - ON (WL)	EVC508L	X510
PATRIOT	2007 - 2017	EVC304	X304
RENEGADE	2014 - ON	EVC508L	X510
WRANGLER	2007 - 04/2018 (JK)	EVC124AN	X124AN
WRANGLER	2018 - ON (JL)	EVC508L	X510

JMC

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
LANDWIND	2012 - ON (X5)	EVC714	X714
LANDWIND	2012 - ON (X8)	EVC614	X614
VIGUS	2012 - ON	EVC603	X603
YUHU	2012 - ON	EVC603	X603

Kia

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
CADENZA	2009 - 2016 (1st Gen)	EVC503	X503
CADENZA	2016 - ON (2nd Gen)	EVC503	X503
CARENS	2006 - ON (2nd Gen)	EVC609L	X609
CARENS	2013 - ON (3rd Gen)	EVC609L	X609
CARNIVAL	2006 - 2014 (2nd Gen)	EVC610	X610
CARNIVAL	2015 - 2019 (3rd Gen)	EVC611L	X611
CARNIVAL	2020 - ON (4th Gen)	EVC607L	X607
CEED	(3rd Gen)	N/A	N/A
CEED	2006 - 2012 (1st Gen)	EVC503	X503
CEED	2012 - 2018 (2nd Gen - JD)	EVC611L	X611
CERATO	2004 - 2009 (1st Gen)	EVC610	X610
CERATO	2009 - 2013 (2nd Gen)	EVC611L	X611
CERATO	2013 - 2018 (3rd Gen)	EVC611L	X611
CERATO	2019 - ON (4th Gen)	EVC607L	X607
FORTE	2009 - 2013 (1st Gen)	N/A	N/A
FORTE	2014 - 2018 (2nd Gen)	EVC611L	X611
FORTE	2019 - ON (3rd Gen)	N/A	N/A
GRAND CARNIVALE	2005 - 2014 (2nd Gen)	EVC610	X610
GRAND CARNIVALE	2015 - ON (3rd Gen)	EVC611L	X611
K4	2014 - ON	EVC610	X610
OPTIMA	2005 - 2010 (2nd Gen)	N/A	N/A
OPTIMA	2010 - 2015 (3rd Gen)	EVC503	X503
OPTIMA	2015 - 2020 (4th Gen)	EVC607L	X607
PICANTO	2004 - 2011 (SA)	N/A	N/A
PICANTO	2011 - 2017 (TA)	N/A	N/A
PICANTO	2017 - ON (JA)	EVC607L	X607
PROCEED GT	2013 - 2018	EVC611L	X611
RIO	2005 - 2011 (JB)	N/A	N/A
RIO	2011 - 2017 (UB)	EVC611L	X611
RIO	2017 - ON (YB)	EVC607L	X607

Kia

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
SELTOS	2020 - ON	EVC607L	X607
SORENTO	2002 - 2009 (1st Gen)	EVC806	X806
SORENTO	2010 - 2014 (2nd Gen)	EVC611L	X611
SORENTO	2015 - 2020 (3rd Gen)	EVC607L	X607
SORENTO	2018 - 2020 GT	EVC611L	X611
SORENTO	2021 - ON MQ4	EVC607L	X607
SOUL	2009 - 2013 (1st Gen)	N/A	N/A
SOUL	2014 - 2019 (2nd Gen)	EVC503	X503
SOUL	2020 - ON (3rd Gen)	EVC502	X502
SPORTAGE	2005 - 2010 (JE/KM)	EVC503	X503
SPORTAGE	2010 - 2015 (SL)	EVC503	X503
SPORTAGE	2015 - 2021 (QL)	EVC607L	X607
SPORTAGE	2021 - ON (NQ5)	EVC607L	X607
STINGER	2017 - ON	EVC607L	X607
STONIC	2017 - ON	EVC607L	X607
TELLURIDE	2020 - ON	EVC607L	X607

Lancia

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
DELTA	2008 - 2014 (3rd Gen)	EVC319L	X319
MUSA	2004 - 2012	EVC319L	X319
PHEDRA	2002 - 2014	EVC331	X331

Land Rover

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
DEFENDER	2020 - ON (L663)	EVC622L	X622
DISCOVERY 3	2004 - 2009 (2nd Gen - LR3)	EVC553	X553
DISCOVERY 4	2009 - 2016 (2nd Gen - LR4)	EVC552	X552
DISCOVERY 5	2017 - ON (3rd Gen - L462)	EVC622L	X622
DISCOVERY SPORT	2014 - 2019 (1st Gen)	EVC622L	X622
DISCOVERY SPORT	2019 - ON (2nd Gen)	EVC622L	X622
EVOQUE	2011 - 2013	N/A	N/A
EVOQUE	2014 - ON	EVC622L	X622
FREELANDER	1997 - 2006	N/A	N/A
FREELANDER	2006 - 2014 (2)	EVC193L	X193
RANGE ROVER	2002 - 2012 (3rd Gen)	N/A	N/A
RANGE ROVER	2010 - 2012 (3rd Gen - 4⊠L Diesel)	EVC401	X401
RANGE ROVER	2012 - ON (4th Gen)	N/A	N/A
RANGE ROVER SPORT	2005 - 2013 (1st Gen)	EVC192	X192
RANGE ROVER SPORT	2013 - 2015 (2nd Gen)	EVC192	X192
RANGE ROVER SPORT	2015 - ON (3rd Gen)	EVC622L	X622
RANGE ROVER VELAR	2017 - ON (L560)	EVC622L	X622

LDV

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
D90	2017 - ON	EVC723	X723
DELIVER 9	2019 - ON (V90)	EVC731	X731
G10	2014 - ON	EVC252	X252
T60	2017 - ON	EVC723	X723
V80	2014 - ON	EVC252	X252

Lexus

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
ES240	2006 - 2009	EVC171	X171
ES250	2012 - ON	EVC171	X171
ES300H	2012 - ON	EVC171	X171
ES350	2012 - ON	EVC171	X171
GS	2005 - 2011 (S190)	EVC161L	X161
GS	2011 - ON (L10)	EVC171	X173
GS250	2011 - ON (4th Gen)	EVC171	X171
GS300	2005 - 2011 (GRS190)	EVC161L	X161
GS350	2005 - 2011 (GRS191)	EVC161L	X161
GS350	2011 - ON (GRL10)	EVC171	X171
GS430	2005 - 2011 (UZS190)	EVC161L	X161
GS430	2011 - ON	EVC171	X171
GS450H	2007 - 2011	EVC161L	X161
GS460	2008 - 2011	EVC161L	X161
GX400	2012 - ON	EVC171	X171
GX460	2010 - ON	EVC171	X171
GX470	2003 - 2009	EVC161L	X161
IS220	2005 - ON	EVC171	X171
IS250	2006 - ON	EVC171	X171
IS300	2006 - ON	EVC171	X173
IS350	2005 - ON	EVC171	X171
LM	2019 - ON	EVC171	X171
LS430	2001 - 2006	EVC721	X721
LS460	2007 - ON	EVC171	X171
LX570	2008 - ON	EVC171	X171
NX SERIES	2012 - ON	EVC171	X171
RC350	2014 - ON	EVC171	X173
RX	2003 - 2008 (XU30)	N/A	N/A
RX	2008 - 2015 (AL10)	EVC171	X171
RX	2015 - ON (AL20)	EVC171	X171

Lexus

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
RX200T	2015 - 2017	EVC171	X171
RX270	2012 - ON	EVC171	X171
RX300	2018 - ON	EVC171	X171
RX330	2004 - 2006	EVC161L	X161
RX350	2004 - 2009	EVC161L	X161
RX350	2010 - ON	EVC171	X171
RX400H	2005 - 2009	EVC161L	X161
RX450H	2010 - ON	EVC171	X171
SC430	2001 - 2010	EVC721	X721

Lincoln

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
MKX	2016 - 2018 2nd Gen	EVC622L	X622

Lotus

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
ELISE	2010 - ON (Series 3)	EVC505L	X505

Mahindra

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
ALTURAS G4	2017 - ON	EVC610	X610
Pik Up	2006 - ON	EVC319L	X319
SCORPIO	2006 - ON	EVC319L	X319
XUV500	2011 - ON	EVC319L	X319

Maxus

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
D90	2017 - ON	EVC723	X723
DELIVER 9	2019 - ON (V90)	EVC731	X731
G10	2014 - ON	EVC252	X252
T60	2017 - ON	EVC723	X723
V80	2014 - ON	EVC252	X252

Maybach

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
57	2002 - 2012 (W240)	EVC451	X451
62	2002 - 2012 (V240)	EVC451	X451
57S	2005 - 2012 (W240)	EVC451	X451
62S	2006 - 2012 (V240)	EVC451	X451

Mazda

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
2	2002 - 2007 (DY)	EVC601L	X601
2	2007 - 2014 (DE)	EVC606	X606
2	2014 - ON (DJ)	N/A	N/A
3	2006 - 2009 (BK)	EVC602L	X602
3	2010 - 2013 (BL - SP20)	EVC702	X702
3	2010 - 2013 (BL - SP25/MPS)	EVC602L	X602
3	2010 - 2013 (BL)	EVC612	X612
3	2013 - 2018 (BM/BN)	EVC632	X632
3	2019 - ON (BP)	EVC632	X632
6	2007 - 2012 (GH)	EVC702	X702
6	2012 - 2016 (GJ)	EVC632	X632
6	2016 - ON (GL)	EVC632	X632
8	2006 - 2016 (LY)	EVC606	X606
BIANTE	2008 - 2012	EVC612	X612
BIANTE	2013 - 2018 (Sky Active)	EVC622L	X622
BT-50	2006 - 2011 (J97M)	EVC652L	X652
BT-50	2011 - 2020 (UP/UR)	EVC622L	X622
BT-50	2020 - ON (TF)	EVC171	X171
CX-3	2015 - ON	EVC632	X632
CX-30	2019 - ON	EVC632	X632
CX-5	2012 - 2017 (KE)	EVC632	X632
CX-5	2017 - ON (KF)	EVC632	X632
CX-7	2006 - 2012	EVC606	X606
CX-8	2017 - ON	EVC632	X632
CX-9	2006 - 2015 (TB)	EVC702	X702
CX-9	2016 - ON (TC)	EVC632	X632
MPV	2006 - 2016 (LY)	EVC606	X606
MX-5	2005 - 2015 (NC)	EVC601L	X601
MX-5	2015 - 2018 (ND)	EVC632	X632

Mazda

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
MX-5	2020 - ON (NE)	EVC632	X632
RX-8	2002 - 2008	EVC601L	X601
RX-8	2008 - 2012	EVC601L	X601

Mercedes-Benz

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
A180	2012 - 2018 (W176)	EVC452L	X452
A180	2019 - ON (W177)	EVC463	X463
A200	2020 - ON (W177)	EVC463	X463
A250 AMG	2018 - ON (W177)	EVC463	X463
A35 AMG	2019 - ON (W177)	EVC463	X463
A45 AMG	2020 - ON (W177)	EVC463	X463
A-CLASS	2004 - 2011 (W169)	EVC451	X451
A-CLASS	2012 - 2018 (W176)	EVC452L	X452
A-CLASS	2018 - ON (W177)	EVC463	X463
B-CLASS	2005 - 2011 (W245)	EVC451	X451
B-CLASS	2011 - 2018 (W246)	EVC452L	X452
B-CLASS	2018 - ON (W247)	EVC452L	X452
C-CLASS	2000 - 2007 (W203)	EVC451	X451
C-CLASS	2007 - 2014 (W204)	EVC452L	X452
C-CLASS	2014 - ON (W205)	EVC452L	X452
CLA / CLA-45 AMG	2013 - 2019 (1st Gen)	EVC452L	X452
CLA / CLA-45 AMG	2019 - ON (2nd Gen)	EVC452L	X452
CL-CLASS	2000 - 2006 (C215)	EVC451	X451
CL-CLASS	2007 - 2014 (C216)	EVC451	X451
CLK-CLASS	2002 - 2009 (A209/C209)	EVC451	X451
CLK-CLASS	2010 - 2017 (A207/C207)	EVC452L	X452
CLS-CLASS	2004 - 2010 (W219)	EVC451	X451
CLS-CLASS	2010 - 2018 (W218)	EVC452L	X452
CLS-CLASS	2018 - ON (C257)	EVC452L	X452
E-CLASS	2003 - 2009 (W211)	EVC451	X451
E-CLASS	2009 - 2016 (W212)	EVC452L	X452
E-CLASS	2016 - ON (W213/E200)	EVC452L	X452
G-CLASS	2018 - ON (W463)	EVC452L	X452
GLA / GLA-45 AMG	2014 - ON (1st Gen)	EVC452L	X452
GLB-CLASS	2019 - ON (X247)	EVC463	X463

Mercedes-Benz

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
GLC	2016 - 2022 (X253)	EVC452L	X452
GL-CLASS	2006 - 2012 (X164)	EVC451	X451
GLK-CLASS	2009 - 2015 (X204)	EVC452L	X452
GLS-CLASS	2013 - ON (X166)	EVC452L	X452
M-CLASS	2000 - 2005 (W163)	EVC451	X451
M-CLASS	2005 - 2011 (W164)	EVC451	X451
M-CLASS	2011 - 2018 (W166)	EVC452L	X452
M-CLASS	2019 - ON (W167)	N/A	N/A
R-CLASS	2006 - 2013 (W251)	EVC451	X451
S-CLASS	1998 - 2005 (W220)	EVC451	X451
S-CLASS	2006 - 2013 (W221)	EVC451	X451
S-CLASS	2014 - ON (W222)	EVC452L	X452
SL-CLASS	2001 - 2011 (R230)	EVC451	X451
SL-CLASS	2012 - ON (R231)	EVC452L	X452
SLK-CLASS	2000 - 2004 (R170)	EVC451	X451
SLK-CLASS	2005 - 2010 (R171)	EVC451	X451
SLK-CLASS	2011 - 2019 (R172)	EVC452L	X452
SLR MCLAREN	2003 - 2010 (C199)	EVC451	X451
SLS-	2011 - 2015 (C197)	EVC452L	X452
SPRINTER	2006 - 2018 (906 - NCV3)	EVC452L	X452
SPRINTER	2019 - ON (907/910 - VS30)	EVC452L	X452
VITO/VIANO	2003 - 2014 (W639)	EVC452L	X452
VITO/VIANO	2015 - ON (W447)	EVC452L	X452
X-CLASS	2018 - ON	EVC804L	X804

MG

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
3	2011 - ON (2nd Gen)	EVC715	X715
5	2012 - ON	EVC611L	X611
6	2010 - 2017 (1st Gen)	EVC703L	X703
6	2017 - ON (2nd Gen)	EVC715	X715
GS	2019 - ON	EVC715	X715
HS	2019 - ON	N/A	N/A
ZS	2018 - ON	EVC715	X715

Mini

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
All Models	2000 - ON	EVC401	X401

Mitsubishi

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
380	2005 - 2008	N/A	N/A
ASX	2010 - ON	EVC303	X303
CHALLENGER	2008 - 2016 (PB)	EVC301L	X301
COLT	2002 - 2013	EVC301L	X301
DELICA	2012 - 2019 (D5 - 5th Gen)	EVC303	X303
ECLIPSE CROSS	2017 - ON	EVC303	X303
EXPRESS	2020 - ON (X82)	EVC801	X801
GALANT	2004 - 2012 (9th Gen)	EVC303	X303
GRANDIS	2003 - 2011	N/A	N/A
L200	2005 - 2014	EVC301L	X301
LANCER	2007 - 2017 (7th Gen)	EVC303	X303
LANCER	2017 - ON (8th Gen)	EVC303	X303
LANCER EVOLUTION	2007 - 2017 (EVO-X)	EVC303	X303
MAGNA	2004 - 2005	EVC806	X806
MIRAGE	2012 - 2016 (ES)	EVC313L	X313
MIRAGE	2017 - ON (ES Face Lift)	EVC313L	X313
MONTERO	2006 - ON	EVC301L	X301
OUTLANDER	2006 - 2013 (2nd Gen)	EVC303	X303
OUTLANDER	2013 - 2021 (3rd Gen)	EVC303	X303
OUTLANDER	2021 - ON (4th Gen)	EVC802	X802
PAJERO	2006 - ON (V80)	EVC301L	X301
PAJERO SPORT	2008 - 2016 (PB)	EVC301L	X301
PAJERO SPORT	2015 - ON	EVC313L	X313
RVR	2010 - ON	EVC303	X303
SHOGUN	2006 - ON	EVC301L	X301
STRADA	2007 - 2015	EVC301L	X301
STRADA	2015 - ON	EVC313L	X313
TRITON	2005 - 2010 (ML)	EVC301L	X301
TRITON	2010 - 2015 (MN)	EVC301L	X301

Mitsubishi

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
TRITON	2015 - 2019 (MQ)	EVC313L	X313
TRITON	2019 - ON (MR)	EVC313L	X313
XPANDER	2017 - ON	EVC313L	X313

Nissan

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
350Z	2003 - 2008 (Z33)	EVC326	X326
370Z	2009 - ON (Z34)	EVC316L	X316
ALMERA	2000 - 2006 (N16)	EVC801	X801
ALMERA	2011 - ON (N17)	EVC801	X801
ALMERA	2019 - ON (N18)	EVC801	X801
ALTIMA	2001 - 2006 (L31)	N/A	N/A
ALTIMA	2006 - 2012 (L32A)	EVC802	X802
ALTIMA	2012 - 2018 (L33)	EVC802	X802
ALTIMA	2019 - ON (L34)	EVC802	X802
DUALIS	2006 - 2013 (J10)	EVC802	X802
ELGRAND	2002 - 2010 (E51)	EVC326	X326
ELGRAND	2010 - ON (E52)	N/A	N/A
FRONTIER	2004 - ON (2nd Gen)	EVC804L	X804
GENISS	2006 - 2013 (L10)	EVC801	X801
GENISS	2013 - 2019 (L11)	EVC801	X801
GT-R	2007 - ON (R35)	EVC812	X812
JUKE	2019 - ON (F16 - 2nd Gen)	EVC801	X801
LANNIA	2015 - ON (U15)	EVC801	X801
LATIO	2012 - 2019	EVC801	X801
LIVINA	2006 - 2013 (L10)	EVC801	X801
LIVINA	2013 - 2019 (L11)	EVC801	X801
LIVINA	2019 - ON (2nd Gen ND - MITS)	EVC313L	X313
MARCH	2001 - 2010 (K12)	EVC801	X801
MARCH	2010 - 2017 (K13)	EVC801	X801
MARCH	2017 - ON (K14)	EVC801	X801
MAXIMA	2000 - 2003 (A33B)	EVC326	X326
MAXIMA	2003 - 2008 (A34)	N/A	N/A
MAXIMA	2008 - 2014 (A35)	N/A	N/A
MAXIMA	2015 - ON (A36)	EVC802	X802

Nissan

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
MICRA	2001 - 2010 (K12)	EVC801	X801
MICRA	2010 - 2017 (K13)	EVC801	X801
MICRA	2017 - ON (K14)	EVC801	X801
MURANO	2002 - 2007 (Z50)	EVC326	X326
MURANO	2009 - 2014 (Z51)	EVC802	X802
MURANO	2015 - ON (Z52)	EVC802	X802
NAVARA	2005 - ON (D40)	EVC804L	X804
NAVARA	2008 - ON (D22 - 2⬚5L CRD)	EVC326	X326
NAVARA	2014 - ON (D23 / NP300)	EVC804L	X804
NOTE	2004 - 2013 (E11)	EVC801	X801
NOTE	2013 - 2019 (E12)	EVC801	X801
NP300	2014 - ON	EVC804L	X804
NV200	2010 - ON	EVC801	X801
PATHFINDER	2005 - 2012 (R51)	EVC804L	X804
PATHFINDER	2013 - ON (R52)	EVC801	X801
PATROL	2007 - 2016 (Y61 - 3⬚0L CRD/GU)	EVC802	X802
PATROL	2010 - 2019 (Y62 - ST-L / TI)	EVC804L	X804
PATROL	2010 - 2019 (Y62 - TI-L / W-Adaptive Cruise)	N/A	N/A
PATROL	2019 - ON (Y62 - Series 5)	EVC804L	X804
PRARIE	1998 - 2004 (M12)	EVC801	X801
PULSAR	2013 - 2017 (B17)	EVC801	X801
PULSAR	2013 - ON (C13)	EVC801	X801
PULSAR	2014 - ON (C14)	EVC801	X801
QASHQAI	2006 - 2013 (J10)	EVC802	X802
QASHQAI	2013 - ON (J11)	EVC802	X802
SENTRA	2000 - 2006 (B15)	EVC801	X801
SENTRA	2007 - 2012 (B16)	EVC802	X802
SENTRA	2013 - ON (B17)	EVC803	X803
SKYLINE	2001 - 2007 (V35)	EVC326	X326

Nissan

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
SKYLINE	2006 - 2014 (V36)	EVC316L	X316
SKYLINE	2014 - ON (HV37)	N/A	N/A
SUNNY	2000 - 2005 (N16)	EVC801	X801
SUNNY	2011 - ON (N17)	EVC801	X801
SYLPHY	2000 - 2012 (G10/N16)	EVC802	X802
SYLPHY	2005 - ON (G11)	EVC802	X802
SYLPHY	2012 - ON (B17)	N/A	N/A
SYLPHY	2019 - ON (B18)	N/A	N/A
TEANA	2003 - 2008 (J31)	EVC804L	X804
TEANA	2008 - 2013 (J32)	EVC802	X802
TEANA	2013 - ON (L33)	N/A	N/A
TERRA	2018 - ON (D23)	EVC804L	X804
TIIDA	2004 - 2012 (C11)	EVC801	X801
TIIDA	2011 - ON (C12)	EVC801	X801
TIIDA	2015 - ON (C13)	EVC801	X801
TITAN	2003 - 2015 (A60)	EVC553	X553
TITAN	2016 - ON (A61)	EVC804L	X804
TITAN XD	2016 - ON (A61)	EVC804L	X804
URVAN	2001 - 2012 (E25)	EVC801	X801
URVAN	2012 - ON (NV350)	N/A	N/A
VERSA	2006 - 2012	EVC801	X801
VERSA NOTE	2013 - 2019 (E12)	EVC801	X801
X - TRAIL	2000 - 2007 (T30)	EVC326	X326
X - TRAIL	2007 - 2013 (T31)	EVC802	X802
X - TRAIL	2013 - ON (T32)	EVC802	X802
XTERRA	2005 - 2015 (N50)	EVC804L	X804

Opel Vauxhall

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
AGILA	2000 - 2007 (A)	EVC505L	X505
AGILA	2007 - 2014 (B)	EVC505L	X505
ANTARA	2006 - ON	EVC537	X537
ASTRA	2000 - 2004 (G)	EVC505L	X505
ASTRA	2004 - 2009 (H)	EVC505L	X505
ASTRA	2009 - 2015 (J)	EVC505L	X505
ASTRA	2015 - ON (K)	EVC507	X507
CORSA	2000 - 2006 (C)	EVC505L	X505
CORSA	2006 - 2014 (D)	EVC505L	X505
CORSA	2014 - ON (E)	EVC505L	X505
GT	2007 - 2010	N/A	N/A
INSIGNIA	2008 - 2017 (1st Gen)	EVC505L	X505
INSIGNIA	2017 - ON (2nd Gen)	EVC505L	X505
MERIVA	2003 - 2010 (A)	EVC505L	X505
MERIVA	2010 - 2017 (B)	EVC505L	X505
SIGNUM	2003 - 2008	EVC505L	X505
TIGRA	2004 - 2009 (B)	EVC505L	X505
VECTRA	2002 - 2008 (C)	EVC505L	X505
VIVARO	2007 - 2016 (Mk 2)	EVC331	X331
VIVARO	2016 - ON (Mk 3)	N/A	N/A
ZAFIRA	2005 - 2014 (B)	EVC505L	X505
ZAFIRA	2011 - ON (C)	EVC505L	X505

Peugeot

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
107	2005 - 2014	EVC331	X331
206	2003 - 2006	EVC321	X321
206	2007 - 2008	EVC331	X331
206	2009 - 2013 (+)	EVC333L	X333
207	2006 - 2008	EVC331	X331
207	2009 - ON	EVC333L	X333
208	2012 - 2018 (A9 - 1st Gen)	EVC333L	X333
208	2012 - ON	EVC333L	X333
208	2019 - ON (P21 - 2nd Gen)	EVC333L	X333
307	2003 - 2006	EVC321	X321
307	2006 - 2008	EVC331	X331
308	2007 - 2008	EVC331	X331
308	2009 - ON	EVC333L	X333
407	2004 - 2007	EVC321	X321
407	2008 - ON	EVC303	X303
408	2010 - 2014 (1st Gen)	EVC333L	X333
408	2014 - ON (2nd Gen)	EVC333L	X333
508	2010 - ON	EVC333L	X333
607	2000 - 2010	EVC333L	X333
807	2002 - 2014 (2nd Gen)	EVC331	X331
3008	2008 - ON	EVC333L	X333
5008	2009 - ON	EVC333L	X333
BIPPER	2007 - ON (3rd Gen)	EVC319L	X319
BOXER	2007 - ON (3rd Gen)	EVC319L	X319
EXPERT	2007 - 2016 (2nd Gen - Mk2)	EVC331	X331
EXPERT	2016 - ON (3rd Gen - Mk3)	N/A	N/A
RCZ	2009 - 2015	EVC333L	X333
TRAVELLER	2007 - 2016 (2nd Gen)	EVC331	X331
TRAVELLER	2016 - ON (3rd Gen)	N/A	N/A

Porsche

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
911 CARRERA	2000 - 2005 (996)	N/A	N/A
911 CARRERA	2005 - ON (997)	EVC201L	X201
911 GT3	2007 - ON (gT3-2)	EVC201L	X201
911 TURBO	2001 - 2005 (996T)	EVC201L	X201
911 TURBO	2007 - ON (997T)	EVC201L	X201
BOXSTER	2000 - 2004 (986)	EVC201L	X201
BOXSTER	2005 - ON (987)	EVC201L	X201
BOXSTER	2012 - 2016 (981)	EVC201L	X201
BOXSTER	2016 - ON (982)	EVC201L	X201
CARRERA GT	2004 - 2006	EVC201L	X201
CAYENNE	2003 - 2010 (1st Gen)	EVC204	X204
CAYENNE	2011 - 2017 (2nd Gen)	EVC204	X204
CAYMAN	2006 - ON (987c)	EVC201L	X201
CAYMAN	2012 - 2016 (981)	EVC201L	X201
CAYMAN	2016 - ON (982)	EVC201L	X201
MACAN	2014 - ON	EVC201L	X201
PANAMERA	2009 - ON (970)	EVC201L	X201
PARRAMELA		EVC201L	X201

Ram

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
1500	2010 - 2018 (4th Gen - DS)	EVC302L	X302
1500	2019 - ON (Warlock - DS)	EVC302L	X302
1500	2019 - ON DT	EVC508L	X510
2500	2010 - 2018 (4th Gen - DJ)	EVC302L	X302
2500	2019 - ON DJ (5th Gen)	EVC302L	X302
2500	2019 - ON DJ2/D2	EVC508L	X510
3500	2010 - 2018 (4th Gen - DJ)	EVC302L	X302
3500	2019 - ON DJ (5th Gen)	EVC302L	X302
3500	2019 - ON DJ2/D2	EVC508L	X510
1500 Classic	2019 - ON (Classic - DS)	EVC302L	X302
DODGE RAM	2002 - 2009 (3rd Gen)	N/A	N/A

Renault

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
CAPTUR	2013 - ON	EVC801	X801
CLIO	2005 - 2012 (III)	EVC801	X801
CLIO	2012 - 2019 (IV)	EVC801	X801
CLIO	2019 - ON (V)	EVC801	X801
ESPACE	2004 - 2014 (IV)	EVC801	X801
ESPACE	2015 - ON (V)	EVC801	X801
KOLEOS	2007 - 2016 (1st Gen)	EVC801	X801
KOLEOS	2016 - ON (2nd Gen)	EVC801	X801
LAGUNA	2001 - 2007 (II)	EVC801	X801
LAGUNA	2007 - 2015 (III)	EVC801	X801
MEGANE	2002 - 2009 (II)	EVC801	X801
MEGANE	2010 - 2016 (III)	EVC801	X801
MEGANE	2016 - ON (IV)	EVC801	X801
SCENIC	2003 - 2009 (II)	EVC801	X801
SCENIC	2009 - 2016 (III)	EVC801	X801
SCENIC	2016 - ON (IV)	EVC801	X801
TALISMAN	2015 - ON	EVC801	X801
TRAFIC	2020 - ON	EVC801	X801

Saab

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
All Models	2005 - 2010	EVC505L	X505

Scion

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
FR-S	2013 - 2016	EVC211L	X211
iA	2013 - ON	EVC171	X171
iM	2012 - ON	EVC171	X171
iQ	2012 - 2015	EVC171	X171
tC	2005 - 2016	EVC171	X171
xD	2008 - 2014	EVC171	X171

Seat

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
ALHAMBRA	2000 - 2010 (1st Gen - Typ 7M)	EVC152	X152
ALHAMBRA	2010 - ON (2nd Gen - Typ 7N)	EVC201L	X201
ALTEA	2004 - 2015	EVC201L	X201
CORDOBA	2002 - 2009 (2nd Gen - Typ 6L)	EVC152	X152
EXEO	2008 - 2013	EVC152	X152
IBIZA	2002 - 2008 (3rd Gen - Typ 6L)	EVC152	X152
IBIZA	2008 - 2017 (4th Gen - Typ 6J)	EVC152	X152
IBIZA	2017 - ON (5th Gen)	N/A	N/A
LEON	1998 - 2005 (1st Gen - Typ 1M)	EVC152	X152
LEON	2005 - 2012 (2nd Gen - Typ 1P)	EVC201L	X201
LEON	2012 - ON (3rd Gen - Typ 5F)	EVC201L	X201
TOLEDO	1998 - 2004 (2nd Gen - Typ 1M)	EVC152	X152
TOLEDO	2004 - 2009 (3rd Gen - Typ 5P)	EVC201L	X201
TOLEDO	2012 - 2018 (4th Gen - Typ NH)	EVC201L	X201

Skoda

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
FABIA	1999 - 2007 (1st Gen - Typ 6Y)	EVC152	X152
FABIA	2007 - 2014 (2nd Gen - Typ 5J)	EVC152	X152
FABIA	2015 - ON (3rd Gen - Typ NJ)	EVC201L	X201
KAROQ	2017 - ON	EVC201L	X201
KODIAQ	2016 - ON	EVC201L	X201
OCTAVIA	2000 - 2010 (1st Gen - Typ 1U)	EVC152	X152
OCTAVIA	2004 - 2013 (2nd Gen - Typ 1Z)	EVC201L	X201
OCTAVIA	2013 - ON (3rd Gen - Typ 5E)	EVC201L	X201
RAPID	2011 - ON (Spaceback)	EVC201L	X201
RAPID	2012 - ON	EVC201L	X201
SUPERB	2001 - 2008 (B5 - Typ 3U)	EVC152	X152
SUPERB	2008 - 2015 (B6 - Typ 3T)	EVC201L	X201
SUPERB	2015 - ON (B8 - Typ 3V)	EVC201L	X201
YETI	2009 - 2017	EVC201L	X201

SsangYong

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
KORANDO	2010 - 2019 (C200 - 3rd Gen)	EVC610	X610
KORANDO	2019 - ON (C300 - 3rd Gen)	EVC610	X610
MUSSO	2018 - ON (Q200)	EVC610	X610
REXTON	2017 - ON (Y400)	EVC610	X610
RHINO	2018 - ON (Q200)	EVC610	X610
TIVOLI	2019 - ON	EVC610	X610

Subaru

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
ASCENT	2019 - ON VM	EVC551	N/A
BRZ	2012 - ON	EVC211L	X211
FORESTER	2002 - 2005 (SG - Series 1)	EVC501L	X501
FORESTER	2005 - 2008 (SG - Series 2)	EVC551	N/A
FORESTER	2008 - 2013 (SH)	EVC551	N/A
FORESTER	2013 - 2018 (SJ)	EVC551	N/A
FORESTER	2019 - ON (SK)	EVC551	N/A
IMPREZA	2007 - 2014 (3rd Gen - GE/GV/GH/GR)	EVC551	N/A
IMPREZA	2011 - 2016 (4th Gen - GJ/GP/VA)	EVC551	N/A
IMPREZA	2016 - ON (5th Gen - GK/GT)	EVC551	N/A
LEGACY & OUTBACK	2003 - 2007 (4th Gen - BL/BP)	EVC501L	X501
LEGACY & OUTBACK	2007 - 2009 (4th Gen - BL/BP)	EVC551	N/A
LEGACY & OUTBACK	2009 - 2014 (5th Gen - BM/BR)	EVC551	N/A
LEGACY & OUTBACK	2014 - 2019 (6th Gen - BN/BS)	EVC551	N/A
LEGACY & OUTBACK	2020 - ON (7th Gen - BW/BT)	EVC551	N/A
LEVORG	2014 - 2020 (VM)	EVC551	N/A
LEVORG	2020 - ON (VN)	EVC551	N/A
LIBERTY	2003 - 2007 (4th Gen - BL/BP)	EVC501L	X501
LIBERTY	2007 - 2009 (4th Gen - BL/BP)	EVC551	N/A
LIBERTY	2009 - 2014 (5th Gen - BM/BR)	EVC551	N/A
LIBERTY	2014 - 2019 (6th Gen - BN/BS)	EVC551	N/A
LIBERTY	2020 - ON (7th Gen - BW/BT)	EVC551	N/A
OUTBACK SPORT	2007 - 2011 (3rd Gen)	EVC551	N/A
R1	2005 - 2010	EVC161L	X161
R2	2005 - 2010	EVC161L	X161
SCION FR-S	2012 - 2016	EVC211L	X211
TRIBECA	2012 - 2014 (WX)	EVC551	N/A
WILDERNESS	2022 - ON	EVC551	N/A

Subaru

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
WRX	2007 - 2014 (3rd Gen)	EVC551	N/A
WRX	2011 - 2016 (4th Gen)	EVC551	N/A
WRX	2016 - ON (5th Gen)	EVC551	N/A
XV	2012 - ON	EVC551	N/A
XV	2012 - ON (Crosstrek)	EVC551	N/A

Suzuki

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
ALIVIO	2014 - ON	EVC901L	X901
CARRY	2019 - ON	EVC301L	X301
CIAZ	2014 - ON	EVC901L	X901
EQUATOR	2004 - ON	EVC804L	X804
ERTIGA	2012 - 2018 (1st Gen)	EVC901L	X901
ERTIGA	2018 - ON (2nd Gen)	EVC931	X931
GRAND VITARA	2005 - 2017 (2nd Gen)	EVC901L	X901
GRAND VITARA	2015 - ON (3rd Gen)	EVC901L	X901
IGNIS	2000 - 2008	N/A	N/A
IGNIS	2016 - ON	EVC931	X931
JIMNY	2013 - 2017	N/A	N/A
JIMNY	2018 - ON (4th Gen)	EVC931L	X931
KIZASHI	2009 - 2016	EVC912L	X912
LIANA	2001 - 2007	EVC905	X905
MEHRAN		EVC931	X931
SOLIO	2012 - 2017 (5th Gen)	EVC901L	X901
SOLIO	2017 - ON (6th Gen)	EVC901L	X901
SWIFT	2004 - 2010 (2nd Gen)	EVC901L	X901
SWIFT	2010 - 2017 (3rd Gen)	EVC901L	X901
SWIFT	2017 - ON (4th Gen)	EVC931	X931
SWIFT SPORT	2004 - 2010 (2nd Gen)	EVC161L	X161
SWIFT SPORT	2010 - 2017 (3rd Gen)	EVC901L	X901
SWIFT SPORT	2017 - ON (4th Gen)	EVC931	X931
SX4	2006 - 2014 (1st Gen)	EVC901L	X901
SX4	2013 - ON (2nd Gen)	EVC901L	X901
VITARA	2005 - 2017 (3rd Gen)	EVC901L	X901
VITARA	2015 - ON (4th Gen)	EVC901L	X901
XL7	2020 - ON	EVC931	X931

Tata

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
TL SPRINT	2007 - ON	EVC319L	X319
XENON	2007 - ON (2nd Gen)	EVC319L	X319

Toyota

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
4RUNNER	2003 - 2009 (N210)	EVC161L	X161
4RUNNER	2009 - ON (N280)	EVC171	X171
86	2012 - ON	EVC211L	X211
AGYA	2017 - ON	EVC171	X171
ALPHARD	2002 - 2008 (AH10 - 1st Gen)	EVC721	X721
ALPHARD	2008 - 2015 (AH20 - 2nd Gen)	EVC171	X171
ALPHARD	2015 - ON (AH30 - 3rd Gen)	EVC171	X171
ALTIS	2006 - ON	EVC171	X171
AURION	2006 - 2012 (XV40)	EVC171	X173
AURION	2012 - 2019 (XV50)	EVC173L	X173
AURIS	2006 - 2012 (E150)	EVC171	X171
AURIS	2012 - 2018 (E180)	EVC171	X171
AURIS	2018 - ON (E210)	EVC171	X171
AVANZA	2015 - ON	EVC171	X171
AVENSIS	2009 - 2018 (T250)	EVC171	X171
AXIO	2006 - 2013 (E140)	EVC171	X171
AXIO	2012 - 2019 (E160)	EVC171	X171
AYGO	2005 - 2014 (AB10)	EVC331	X331
AYGO	2014 - ON (AB40)	N/A	N/A
BELTA	2006 - 2016	EVC171	X171
BLADE	2006 - 2012 (E150)	EVC171	X171
CAMRY	2001 - 2006 (XV30)	EVC721	X721
CAMRY	2006 - 2012 (XV40)	EVC171	X171
CAMRY	2012 - 2019 (XV50)	EVC173L	X173
CAMRY	2017 - ON (XV70)	EVC171	X173
C-HR	2018 - ON	EVC171	X171
COROLLA	2006 - 2013 (E140/E150)	EVC171	X171
COROLLA	2012 - 2019 (E160)	EVC173L	X173
COROLLA	2013 - 2019 (E170/E180)	EVC171	X173
COROLLA	2018 - ON (E210)	EVC171	X173

Toyota

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
CROWN	2003 - 2008 (S180)	EVC161L	X161
CROWN	2008 - 2012 (S200)	EVC171	X171
CROWN	2012 - 2018 (S210)	EVC173L	X173
CROWN	2018 - ON (S220)	EVC171	X173
ESTIMA	2006 - ON (XR50)	EVC171	X171
FIELDER	2006 - 2013 (E140)	EVC171	X171
FIELDER	2012 - 2019 (E160)	EVC171	X171
FJ CRUISER	2006 - ON	EVC161L	X161
FORTUNER	2004 - 2015 (AN50/AN60)	EVC161L	X161
FORTUNER	2015 - ON (AN150/AN160)	EVC171	X173
FR-S	2012 - ON	EVC211L	X211
FT86	2012 - ON	EVC211L	X211
GT86	2012 - ON	EVC211L	X211
HARRIER	2013 - ON	EVC171	X171
HIACE	2004 - 2019 (H200)	EVC161L	X161
HIACE	2019 - ON (H300)	EVC171	X173
HIGHLANDER	2007 - 2013 (2nd Gen - XU40)	EVC171	X171
HIGHLANDER	2013 - 2019 (3rd Gen - XU50)	EVC171	X171
HIGHLANDER	2019 - ON (4th Gen - XU70)	EVC171	X171
HILUX	2001 - 2005 (6th Gen)	N/A	N/A
HILUX	2004 - 2015 (7th Gen - N70)	EVC161L	X161
HILUX	2004 - 2015 (Vigo)	EVC161L	X161
HILUX	2015 - ON (8th Gen - N80)	EVC171	X173
HILUX	2015 - ON (Revo)	EVC171	X173
INNOVA	2004 - 2015 (AN40)	EVC161L	X161
INNOVA	2015 - ON (AN140)	EVC171	X173
IST	2007 - 2016 (XP110)	EVC171	X171
KLUGER	2000 - 2007 (1st Gen - XU20)	EVC161L	X161
KLUGER	2007 - 2013 (2nd Gen - XU40)	EVC171	X173

Toyota

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
KLUGER	2013 - 2019 (3rd Gen - XU50)	EVC171	X173
KLUGER	2019 - ON (4th Gen - XU70)	EVC171	X173
LAND CRUISER	09/2009 - ON (70 Series - VDJ76/78/79)	EVC171	X171
LAND CRUISER	2003 - 2007 (100 Series - V8 Petrol)	EVC721	X721
LAND CRUISER	2007 - 09/2009 (70 Series - VDJ76/78/79)	EVC161L	X161
LAND CRUISER	2007 - 2021 (200 Series)	EVC171	X171
LAND CRUISER	2021 - ON (300 Series)	EVC171	X173
MARK X	2004 - 2009 (X120)	EVC161L	X161
MARK X	2009 - 2019 (X130)	EVC171	X171
MATRIX	2003 - 2008 (E130)	EVC721	X721
MATRIX	2009 - 2014 (E140)	EVC171	X171
NOAH	2014 - ON (R80)	EVC171	X171
PICNIC	2001 - 2009 (XM20)	EVC721	X721
PRADO	2002 - 2009 (J120)	EVC161L	X161
PRADO	2009 - ON (J150)	EVC171	X171
PREVIA	2006 - ON (XR50)	EVC171	X171
PRIUS	2004 - 2009 (XW20)	EVC161L	X161
PRIUS	2010 - 2015 (XW30)	EVC171	X171
PRIUS	2016 - ON (XW50)	EVC171	X171
PROACE	2007 - 2016 (2nd Gen)	EVC331	X331
PROACE	2016 - ON (3rd Gen)	EVC333L	X333
RAIZE	2021 - ON	EVC171	X171
RAV4	2005 - 2016 (XA30)	EVC171L	X171
RAV4	2012 - 2018 (XA40)	EVC171	X171
RAV4	2018 - ON (XA50 - inc Hybrid)	EVC171	X173
RUKUS	2007 - 2015	EVC171	X171
RUSH	2006 - 2016 (J200/F700)	EVC171	X171

Toyota

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
RUSH	2017 - ON (F800)	EVC171	X171
SEQUQIA	2000 - 2007 (1st Gen - XK30/XK40)	N/A	N/A
SEQUQIA	2008 - 2022 (2nd Gen - XK60)	EVC171	X171
SEQUQIA	2022 - ON (3rd Gen - XK80)	EVC171	X171
SIENNA	2003 - 2009 (XL20)	N/A	N/A
SIENNA	2010 - ON (XL30)	EVC171	X171
SIENTA	2003 - 2015 (XP80)	N/A	N/A
SIENTA	2015 - ON (XP170)	EVC171	X171
TACOMA	2005 - 2015 (2nd Gen)	EVC161L	X161
TACOMA	2016 - ON (3rd Gen - N300)	EVC161L	X161
TARAGO	2006 - ON (XR50)	EVC171	X171
TUNDRA	2003 - 2006 (XK30/XK40)	EVC161L	X161
TUNDRA	2007 - ON (XK50)	EVC171	X173
URBAN CRUISER	2007 - 2016 (XP110)	EVC171	X171
VELLFIRE	2008 - 2015 (2nd Gen - AH20)	EVC171	X171
VELLFIRE	2015 - ON (3rd Gen - AH30)	EVC171	X171
VERSO	2009 - 2018	EVC171	X171
VIOS	2002 - 2007 (XP40)	N/A	N/A
VIOS	2007 - 2013 (XP90)	EVC171	X171
VIOS	2013 - ON (XP150)	EVC171	X171
VITZ	2005 - 2011 (XP90)	EVC171	X171
VITZ	2011 - ON (XP130)	EVC171	X171
WISH	2003 - 2009 (AE10)	EVC721	X721
WISH	2009 - 2017 (AE20)	EVC171	X171
YARIS	2005 - 2013 (XP90)	EVC171	X171
YARIS	2011 - ON (XP130)	EVC171	X171
YARIS	2013 - ON (XP150)	EVC171	X173

Volkswagen

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
AMAROK	2010 - 2021	EVC152	X152
AMAROK	2016 - 2021 (V6)	EVC152	X152
AMAROK	2022 - ON (2nd Gen)	EVC622L	X622
ARTEON	2017 - ON	EVC201L	X201
BEETLE	1998 - 2011 (New Beetle)	EVC152	X152
BEETLE	2011 - ON (A5)	EVC201L	X201
BORA	1999 - 2005	EVC152	X152
CADDY	2003 - ON (3rd Gen - Typ 2K)	EVC201L	X201
CC	2008 - 2017	EVC201L	X201
CRAFTER	2006 - 2017	EVC452L	X452
CRAFTER	2017 - ON	EVC201L	X201
EOS	2006 - 2015	EVC201L	X201
GOLF	1997 - 2003 (3rd Gen - Mk4/A3, Typ 1J)	EVC152	X152
GOLF	2003 - 2008 (5th Gen - Mk5/A5, Typ 1K)	EVC201L	X201
GOLF	2003 - ON (GTI)	EVC201L	X201
GOLF	2003 - ON (R)	EVC201L	X201
GOLF	2008 - 2012 (6th Gen - Mk6/A6, Typ 5K)	EVC201L	X201
GOLF	2012 - ON (5th Gen - Mk7/MQB, Typ 5G)	EVC201L	X201
GOLF	2015 - ON (Sportsvan)	EVC201L	X201
GRAN LAVIDA	2013 - 2017	EVC201L	X201
JETTA	2006 - 2011 (A5)	EVC201L	X201
JETTA	2011 - 2018 (A6)	EVC201L	X201
JETTA	2019 - ON (A7)	EVC201L	X201
LAMANDO	2015 - ON	EVC201L	X201
LAVIDA	2008 - 2013 (1st Gen)	EVC152	X152
LAVIDA	2012 - 2017 (2nd Gen)	EVC201L	X201
LAVIDA	2018 - ON (3rd Gen)	EVC206L	X206

Volkswagen

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
LUPO	1998 - 2005	EVC152	X152
PASSAT	1997 - 2006 (B5/B5.5 - Typ 3B/3BG)	EVC152	X152
PASSAT	2005 - 2015 (B6/B7 - Typ 3C)	EVC201L	X201
PASSAT	2005 - 2015 (CC)	EVC201L	X201
PASSAT	2018 - ON (B8 - Typ 3G)	EVC201L	X201
PHAETON	2002 - 2006 (1st Gen)	EVC152	X152
PHAETON	2007 - ON (2nd Gen)	EVC201L	X201
POLO	2002 - 2009 (4th Gen - Typ 6Q/9N/9N3)	EVC152	X152
POLO	2009 - 2018 (5th Gen - Typ 6R/6C/61)	EVC152	X152
POLO	2015 - 2017 (GTI)	EVC201L	X201
POLO	2018 - ON (6th Gen - Typ AW)	EVC201L	X201
SCIROCCO	2008 - 2017 (3rd Gen)	EVC201L	X201
SCIROCCO	2009 - 2017 (R)	EVC201L	X201
SCIROCCO	2015 - 2017 (GTS)	EVC201L	X201
SHARAN	2000 - 2010 (Mk 1A/1B)	EVC152	X152
SHARAN	2010 - ON (2nd Gen - Typ 7N)	EVC201L	X201
T5	2003 - 2009	N/A	N/A
T5	2009 - 2015	EVC152	X152
T5	2009 - 2015 (Multivan)	EVC152	X152
T6	2015 - ON	EVC152	X152
T-CROSS	2018 - ON (C11)	EVC201L	X201
TIGUAN	2007 - 2017 (1st Gen)	EVC201L	X201
TIGUAN	2016 - ON (2nd Gen)	EVC201L	X201
TOUAREG	2002 - 2010 (1st Gen)	EVC152	X152
TOUAREG	2010 - 2018 (2nd Gen)	EVC252	X252
TOUAREG	2019 - ON (5th Gen)	EVC207L	X207
TOURAN	2003 - 2015 (1st Gen)	EVC201L	X201
TOURAN	2015 - ON (2nd Gen)	EVC201L	X201

Volkswagen

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
TRANSPORTER	2009 - 2015 (T5)	EVC152	X152
TRANSPORTER	2015 - ON (T6)	EVC152	X152
T-ROC	2017 - ON	EVC201L	X201

Volvo

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
C30	2006 - 2013	EVC602L	X602
C70	1999 - 2005 (1st Gen)	EVC602L	X602
C70	2006 - 2013 (2nd Gen)	EVC602L	X602
S40	1999 - 2004 (1st Gen)	EVC602L	X602
S40	2004 - 2012 (2nd Gen)	EVC602L	X602
S60	2000 - 2009 (1st Gen)	EVC602L	X602
S60	2010 - 2018 (2nd Gen)	EVC602L	X602
S60	2019 - ON (3rd Gen)	EVC623	X623
S80	1998 - 2006 (1st Gen)	EVC602L	X602
S80	2006 - 2016 (2nd Gen)	EVC623	X623
V40	1999 - 2004 (1st Gen)	EVC602L	X602
V40	2012 - 2019	EVC612	X612
V40	2013 - ON (Cross Country)	EVC612	X612
V50	2004 - 2012	EVC602L	X602
V70	2000 - 2007 (2nd Gen)	EVC602L	X602
V70	2007 - 2016 (3rd Gen)	EVC602L	X602
XC60	2017 - ON (2nd Gen)	EVC612	X612
XC70	2000 - 2007 (2nd Gen)	N/A	N/A
XC70	2007 - 2016 (3rd Gen)	EVC623	X623
XC90	2015 - ON (2nd Gen)	EVC612	X612

Wuling

MODEL	YEAR & VARIANT	EVC MPN	evcX MPN
ALMAZ	2018 - ON	EVC706	X706
CONFERO	2017 - ON	EVC903	X903
CORTEZ	2018 - ON	EVC706	X706

TROUBLESHOOTING
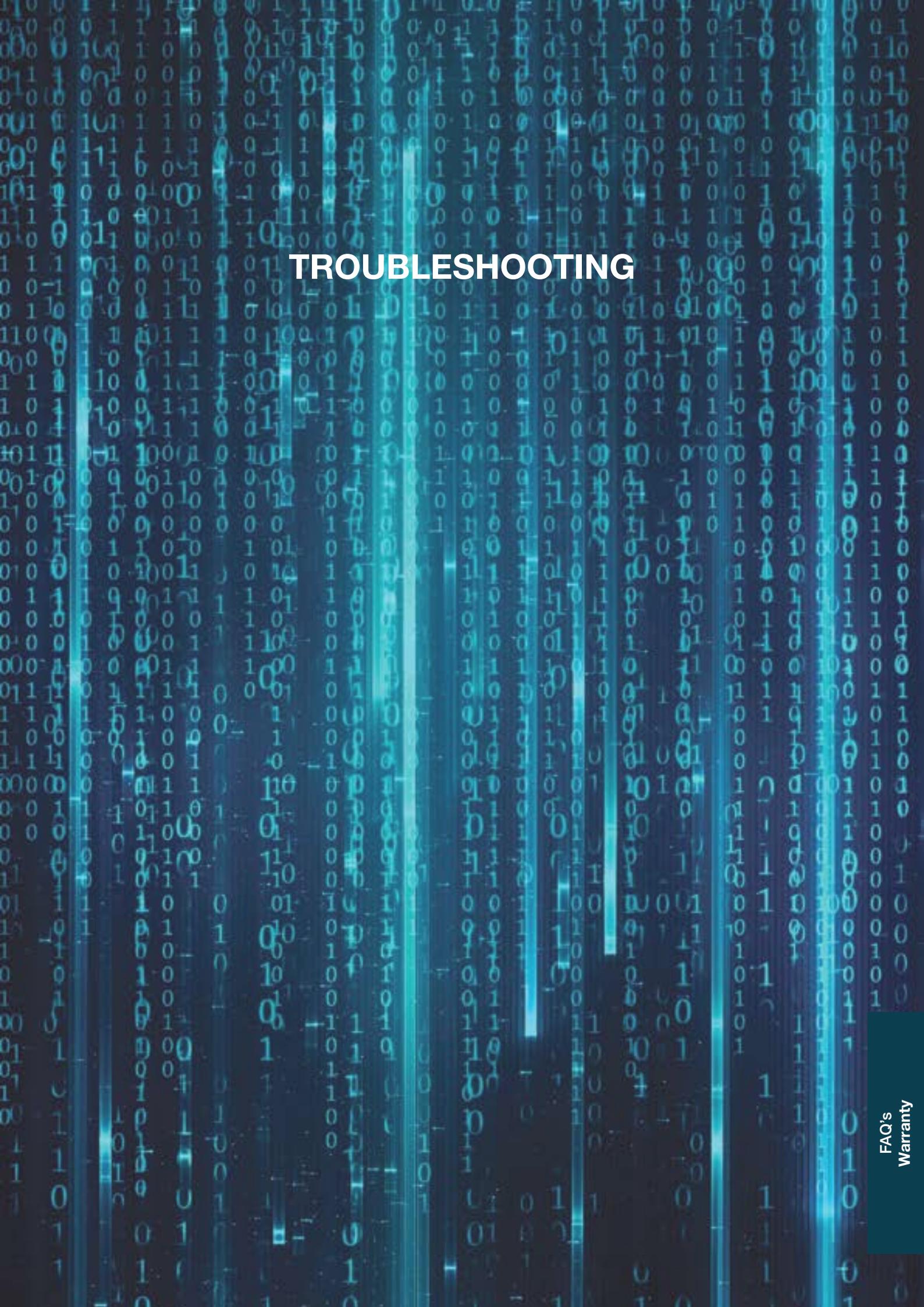
THROTTLE CONTROLLER FAQ's

What is throttle lag?

Modern vehicles are equipped with electronic pedals rather than traditional cable throttles that had a direct physical linkage to the throttle. The cable throttle was more rudimentary but also more efficient, you pushed the pedal and the throttle responded. Any delay was usually due to a slack cable or an out of tune carburettor.

In a modern throttle system (also known as drive-by-wire or fly-by-wire), pedals rely on sensors to measure the action of how far and how fast the driver pushes the pedal, this action creates a torque request which is sent to the Electronic Control Unit (ECU). The ECU then sends this request to the Throttle Position Sensor (TPS) which adjusts the butterfly position and actuates the throttle accordingly.

Throttle lag is the dead spot you feel in top 5-10% of pedal travel where nothing happens. You hit the gas, there is a noticeable hesitation and then the throttle responds. This is an inherent electronic lag that is programmed from factory and which physical input (i.e. stomping your foot harder) cannot overcome.

Why do cars have throttle lag?

There's a number of reasons why modern cars have throttle lag:

• First of all, compromised drivability. Car manufacturers need to tune their vehicles from factory to suit a range of different drivers and driving styles. The factory tune for a new car is not overly aggressive, it's not overly underwhelming, it kind of just sits in the middle, to try and tailor for the wide variety of potential customers they may have.

• There are also issues along the lines of emissions testing, each manufacturers vehicle must meet strict emissions testing prior to being released. A part of the emissions testing procedure is a snap acceleration smoke test which monitors smoke opacity at different rev ranges, so if a vehicle is producing too many pollutants at a certain RPM, the manufacturer may need to restrict the vehicles performance.

• Manufacturer fuel economy claims. We all know the fuel efficiency claims by car companies are almost impossible to replicate, however somewhere along the line they do have to provide evidence of their figures. If a car manufacturer cannot get decent fuel efficiency figures with a new prototype vehicle or updated model, they may have to restrict the performance of the vehicle to improve fuel efficiency figures. Part of this restriction could potentially be dampening the vehicles factory throttle response.

How does the EVC & evcX Throttle Controller work?

The EVC & evcX is a throttle response controller that gives you complete control over the responsiveness of your vehicle. The EVC & evcX achieve this by providing new points of reference for your vehicles throttle mapping, either introducing an enhanced or subdued throttle curve depending on what mode/setting you have selected. The controllers connect between your pedal assembly and factory pedal wiring plug, overriding your factory set throttle parameters and providing its own parameters to your vehicle's ECU.

Introducing an enhanced throttle curve (Ultimate Mode) increases your throttle response, bringing the throttle curve in quicker and getting rid of the lag from when you hit the gas and the throttle responds. Ultimate mode 2-3 is perfect for everyday driving, while Ultimate mode 5-8 is great for towing, overtaking, hill climbing, sand driving, charging through a bog hole etc. where you need to stay on the gas and power through.

Introducing a subdued throttle curve (Economy Mode) reduces your throttle response below factory levels and is great for low traction situations where more finesse control over the power applied to the wheels is required, such as rock crawling, water crossings etc. Economy mode 2-3 is perfect for when you need a less aggressive response and don't want to be constantly spinning the wheels.

Why can't I just push my foot down harder?

Your factory pedal has set parameters, these parameters cannot be overridden by physical input i.e. pushing your foot harder or faster. It doesn't matter how fast you push your foot down, your factory parameters will always deliver the same throttle response.

The only way to alter your throttle response is to electronically override it by adding new sets of throttle parameters with a throttle controller, to get to wide open throttle at a faster rate.

By introducing a sharper throttle curve with, for example, the EVC in Ultimate Mode, you are modifying the torque request that is sent through to the throttle tables in your vehicles ECU, this, in turn, actuates the throttle faster. While throttle controllers don't add top end HP, the do improve acceleration ramp up power which is the amount of accessible power when you plant your foot, from either a stopped start or rolling speed.

Likewise, with, for example, the EVC set to Economy mode you are introducing a duller throttle curve and dampening your throttle response past factory levels. This is also something that your foot cannot replicate as it doesn't matter how lightly you ease the throttle on, you are still guided by your factory set parameters. Without electronically overriding these parameters there is no way for you to physically alter your vehicles throttle response, throttle mapping or throttle actuation.

Are Throttle Controller safe to use?

The EVC & evcX are 100% safe to use.
As part of development, we ensure the controllers cannot override any of a vehicles safety functions or parameters.

We also test the controllers on every new vehicle model to ensure that the model works effectively with any late model vehicle, whether it is a revised, updated model or completely new vehicle release.

Ultimate9 throttle controllers are also backed by a limited lifetime replacement warranty.

Will the hrottle Controller impact my new car warranty?

Throttle controllers, like many aftermarket accessory (bull bars, snorkels, driving lights etc.) do not automatically impact your new car warranty. They will only ever impact your warranty if it is deemed to have caused the issue that you are seeking a warranty on at the time.

At Ultimate9 we back our products 100%, that is why we offer a limited lifetime replacement warranty with every Throttle Controller sold.

Can Throttle Controllers be used with other performance products?

Yes, they can be used with any ECU Tune, Dyno Tune, ECU Remap, Power Chip or ECU Reflash as throttle controllers work on a different internal system and if anything will complement the positive effects of other aftermarket performance modifications.

The benefit of a throttle controller is its adjustability, fine-tuning your throttle response to any driving style or situation. Enabling you to also manually adjust the strength and effectiveness of your other performance accessories.

If your custom tune/chip/remap is great for everyday driving but lacks a bit of punch when towing, you can use our throttle controllers to sharpen your throttle response and compensate for the extra added weight behind your vehicle.

On the flip side, if your tune/chip/remap is too aggressive when driving off-road or in wet conditions, you can use a throttle controller to dampen your throttle response and have more finesse control over the application of power to your wheels.

Are Throttle Controller good for towing?

Towing benefits greatly from our Throttle Controllers, offering the ideal throttle response for just about any Towing situation.

Enhancing your throttle response helps to alleviate low down lag & drag, improving your take off. With a setting like Ultimate Mode, you'll be able to speed more quickly & efficiently - improving the overall driveability of your vehicle whilst towing.

Likewise, subduing your throttle response in Eco Mode conveniently affords you far more control of your throttle, great for low-speed towing manoeuvres where you don't want to jerk or jar the throttle - potentially overcorrecting yourself.

Will throttle controllers increase my fuel consumption?

Fuel consumption largely comes down to how you drive with a throttle controller installed. Generally speaking around 50% of our customers get far greater throttle response with no impact on fuel economy, around 40% get better economy along with far greater throttle response, while a small percentage see slightly worse fuel economy (usually due to a heavier right foot from the extra throttle response!).

The beauty of our throttle controller range is our 30-day money back guarantee, so you have 4 weeks to try it out for yourself risk free and can return the unit if you're not 100% satisfied.

Why does my throttle controller interface remain on/turn off?

The throttle controller utilises power supplied through the vehicle's throttle loom. It is normal for the interface to remain on for some time after engine shuts down, or to power off when the throttle is inactive, such as when using cruise control.

Whilst driving, the interface will power on instantly as the throttle senses driver input and when the engine is shut down it will usually power off within 30 seconds or when the vehicle central locking is activated.

WARRANTY

Your EVC & evcX Throttle Controllers are backed by a 30 day money back guarantee. If you are not completely satisfied with the results, please return your EVC to the place of purchase within 30 days for a full refund.

Ultimate9 provides to the original purchaser, a limited lifetime replacement warranty against manufacturing faults or defects. Conditions resulting from normal wear & tear, modification, misuse, abuse or incorrect fitment are not covered and will void the warranty. In order to make a claim under this warranty, the purchaser must:

• Return the product to the place of purchase with a valid receipt/invoice or proof of purchase or contact Ultimate9 Customer Service on 03 8740 1170.

• Provide Ultimate9 with any additional information as requested.

The purchaser is responsible for any return freight or fitting/removal costs incurred when making a claim under this warranty unless communicated otherwise by Ultimate9. This warranty is limited to the original purchaser and is not transferable.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.